

LABOUR FORCE

VICTORIA

EMBARGO: 11.30AM (CANBERRA TIME) THURS 9 APR 1998

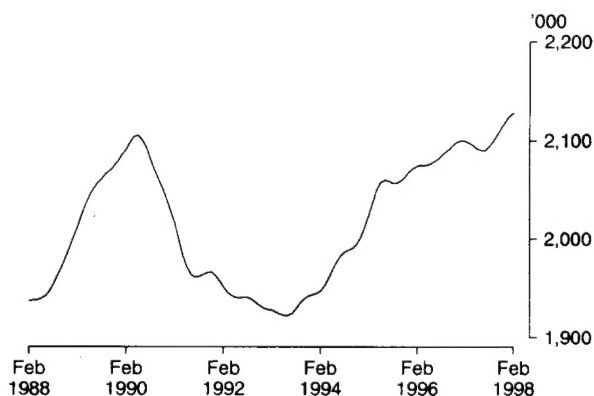
SUMMARY OF FINDINGS

Employment

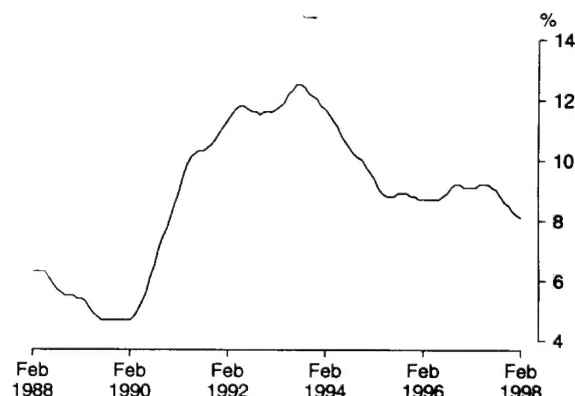
The February 1998 seasonally adjusted estimate of employed persons in Victoria was 2,129,200, a rise of 13,800 since November 1997. Male employment rose by 9,100 to 1,203,500 while female employment rose by 4,700 to 925,700 since November 1997.

The provisional trend estimates of total employment have been rising since June 1997.

EMPLOYED PERSONS: TREND SERIES, VICTORIA



UNEMPLOYMENT RATE: TREND SERIES, VICTORIA



Unemployment

The seasonally adjusted estimate of unemployed persons in Victoria for February 1998 was 184,800, a fall of 8,600 since November 1997. The seasonally adjusted estimate of the unemployment rate was 8.0%, a fall of 0.4 percentage points since November 1997. Male unemployment fell slightly to 105,500, and female unemployment fell by 5,100 to 79,300 since November 1997.

The provisional trend estimate of the unemployment rate has been falling since June 1997.

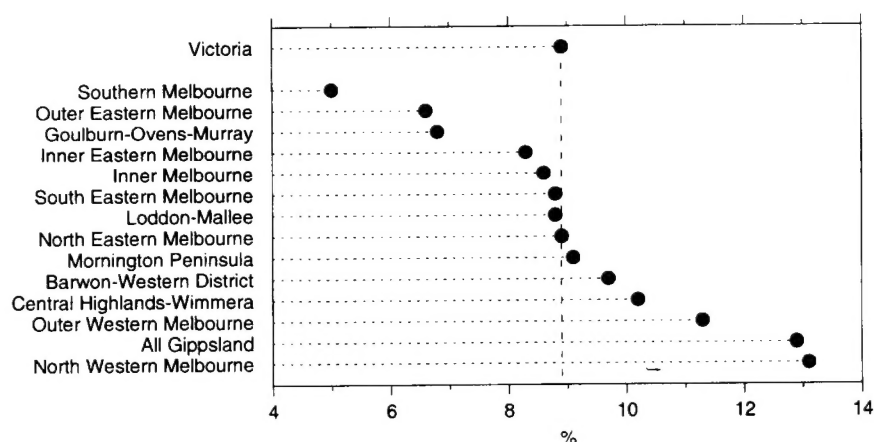
INQUIRIES

- for further information about statistics in this publication and the availability of related unpublished statistics, please contact Joseph Salvatore on (03) 9615 7057 or any ABS State office.
- for information about other ABS statistics and services, please contact Information Services on (03) 9615 7755 or any ABS State office.

Regions

In February 1998, the regions inside the Melbourne Major Statistical Region with the highest unemployment rates (original series) were North Western Melbourne (13.1%) and Outer Western Melbourne (11.3%). The regions outside the Melbourne Major Statistical Region with the highest unemployment rates were All Gippsland (12.9%) and Central Highlands-Wimmera (10.2%). The lowest unemployment rate recorded in any region in February 1998 was 5.0% for Southern Melbourne.

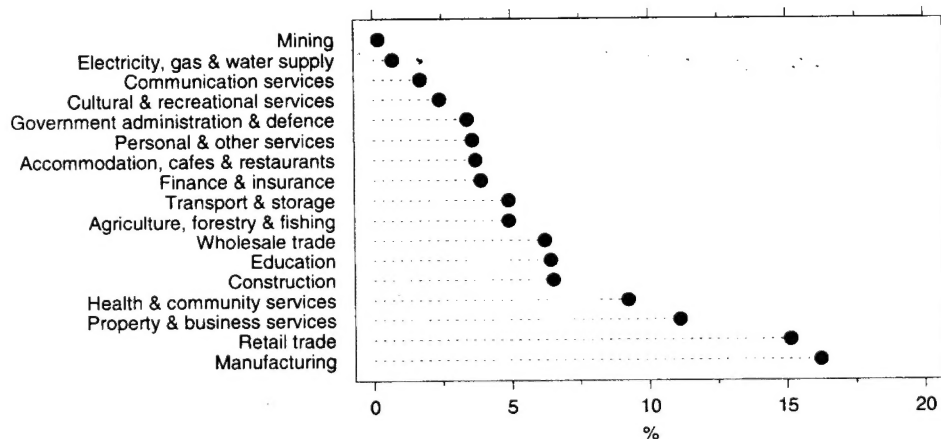
UNEMPLOYMENT RATES: ORIGINAL SERIES, LABOUR FORCE REGIONS
VICTORIA, FEBRUARY 1998



Industry

The two largest industries in Victoria with respect to employment were Manufacturing (342,600 employed) and Retail trade (320,200 employed). Together these industries employed 31.3% of all employed persons in Victoria in February 1998. Property and business services, and Health and community services were the next largest, with 235,400 and 194,600 employed, respectively.

DISTRIBUTION OF EMPLOYED PERSONS BY INDUSTRY: ORIGINAL SERIES
VICTORIA, FEBRUARY 1998



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**TABLE 1. CIVILIAN POPULATION AGED 15 YEARS AND OVER BY
LABOUR FORCE STATUS, VICTORIA: ORIGINAL SERIES**

LABOUR FORCE STATUS, VICTORIA. ORIGINAL SERIES										
Month	Employed		Unemployed			Labour force (<i>'000</i>)	Not in labour force (<i>'000</i>)	Civilian population 15 years and over (<i>'000</i>)	Unemp- loyment rate (%)	Partici- pation rate (%)
	Full-time (<i>'000</i>)	Total (<i>'000</i>)	Full-time (<i>'000</i>)	Part-time (<i>'000</i>)	Total (<i>'000</i>)					
MALES										
1996 -										
December	1,059.4	1,201.7	103.4	16.4	119.8	1,321.5	447.4	1,768.8	9.1	74.7
1997 -										
January	1,050.9	1,184.8	108.4	16.6	125.0	1,309.8	460.3	1,770.2	9.5	74.0
February	1,049.8	1,180.9	113.2	19.2	132.4	1,313.3	458.2	1,771.5	10.1	74.1
March	1,037.5	1,184.1	104.8	20.0	124.8	1,308.9	463.9	1,772.9	9.5	73.8
April	1,044.3	1,186.3	97.1	19.3	116.5	1,302.8	472.0	1,774.8	8.9	73.4
May	1,040.9	1,183.3	101.9	13.8	115.7	1,299.0	477.7	1,776.7	8.9	73.1
June	1,033.1	1,182.8	104.0	15.8	119.8	1,302.6	476.0	1,778.6	9.2	73.2
July	1,039.7	1,185.2	98.3	14.0	112.3	1,297.5	483.0	1,780.6	8.7	72.9
August	1,022.4	1,168.7	100.2	15.2	115.4	1,284.0	498.5	1,782.5	9.0	72.0
September	1,037.0	1,189.1	100.8	22.6	123.5	1,312.6	471.9	1,784.5	9.4	73.6
October	1,043.0	1,195.9	85.9	15.2	101.1	1,297.0	489.5	1,786.5	7.8	72.6
November	1,048.8	1,194.0	89.5	15.4	104.8	1,298.8	489.6	1,788.4	8.1	72.6
December	1,064.4	1,220.2	86.4	23.1	109.5	1,329.7	460.7	1,790.4	8.2	74.3
1998 -										
January	1,054.8	1,185.7	102.0	20.4	122.4	1,308.1	484.2	1,792.2	9.4	73.0
February	1,065.0	1,202.5	96.1	20.6	116.7	1,319.2	474.8	1,794.0	8.8	73.5
FEMALES										
1996 -										
December	520.2	918.1	63.6	32.0	95.6	1,013.7	833.1	1,846.8	9.4	54.9
1997 -										
January	511.9	888.2	64.1	24.1	88.2	976.4	871.9	1,848.3	9.0	52.8
February	511.1	903.0	72.0	29.6	101.7	1,004.7	845.0	1,849.7	10.1	54.3
March	501.2	904.3	63.3	32.5	95.8	1,000.1	851.0	1,851.1	9.6	54.0
April	503.8	914.2	63.0	30.4	93.4	1,007.7	845.4	1,853.1	9.3	54.4
May	503.7	907.5	61.9	30.8	92.7	1,000.2	854.9	1,855.1	9.3	53.9
June	512.1	921.1	60.6	27.0	87.6	1,008.8	848.3	1,857.1	8.7	54.3
July	523.1	917.8	56.3	25.7	82.0	999.8	859.3	1,859.0	8.2	53.8
August	498.5	891.5	57.8	29.0	86.7	978.2	882.7	1,861.0	8.9	52.6
September	520.4	932.9	59.1	29.0	88.1	1,021.0	841.9	1,862.9	8.6	54.8
October	511.9	916.1	55.4	27.3	82.8	998.8	866.0	1,864.8	8.3	53.6
November	505.6	922.1	53.2	26.5	79.7	1,001.8	865.0	1,866.8	8.0	53.7
December	530.2	934.8	55.9	26.3	82.2	1,016.9	851.8	1,868.7	8.1	54.4
1998 -										
January	513.3	893.6	60.9	28.5	89.4	983.0	887.4	1,870.5	9.1	52.6
February	526.6	913.8	62.9	27.9	90.8	1,004.6	867.5	1,872.2	9.0	53.7
PERSONS										
1996 -										
December	1,579.5	2,119.8	167.0	48.4	215.4	2,335.2	1,280.5	3,615.7	9.2	64.6
1997 -										
January	1,562.8	2,073.0	172.5	40.7	213.2	2,286.2	1,332.2	3,618.4	9.3	63.2
February	1,560.9	2,084.0	185.2	48.9	234.1	2,318.0	1,303.2	3,621.2	10.1	64.0
March	1,538.7	2,088.4	168.1	52.5	220.6	2,309.0	1,315.0	3,624.0	9.6	63.7
April	1,548.1	2,100.6	160.2	49.7	209.9	2,310.5	1,317.4	3,627.9	9.1	63.7
May	1,544.6	2,090.8	163.8	44.7	208.4	2,299.2	1,332.6	3,631.8	9.1	63.3
June	1,545.2	2,103.9	164.6	42.9	207.5	2,311.4	1,324.4	3,635.7	9.0	63.6
July	1,562.8	2,103.0	154.6	39.7	194.3	2,297.3	1,342.3	3,639.6	8.5	63.1
August	1,520.9	2,060.2	157.9	44.2	202.1	2,262.3	1,381.2	3,643.5	8.9	62.1
September	1,557.5	2,122.1	159.9	51.7	211.6	2,333.6	1,313.8	3,647.4	9.1	64.0
October	1,554.8	2,111.9	141.4	42.5	183.9	2,295.8	1,355.5	3,651.3	8.0	62.9
November	1,554.4	2,116.1	142.7	41.8	184.5	2,300.6	1,354.6	3,655.2	8.0	62.9
December	1,594.6	2,155.0	142.3	49.3	191.7	2,346.7	1,312.5	3,659.2	8.2	64.1
1998 -										
January	1,568.1	2,079.3	162.8	48.9	211.8	2,291.1	1,371.6	3,662.7	9.2	62.6
February	1,591.6	2,116.3	159.0	48.5	207.5	2,323.8	1,342.4	3,666.2	8.9	63.4

**TABLE 2. CIVILIAN POPULATION AGED 15 YEARS AND OVER BY
LABOUR FORCE STATUS, VICTORIA: SEASONALLY ADJUSTED SERIES**

<i>Month</i>	<i>Employed (^{'000})</i>	<i>Unemployed (^{'000})</i>	<i>Labour force (^{'000})</i>	<i>Unemployment rate (%)</i>	<i>Participation rate (%)</i>
MALES					
1996 -					
December	1,182.7	120.6	1,303.3	9.3	73.7
1997 -					
January	1,192.7	116.6	1,309.3	8.9	74.0
February	1,182.2	119.9	1,302.2	9.2	73.5
March	1,186.0	122.2	1,308.3	9.3	73.8
April	1,186.8	120.9	1,307.7	9.2	73.7
May	1,182.8	117.2	1,300.0	9.0	73.2
June	1,182.7	123.5	1,306.2	9.5	73.4
July	1,185.2	118.6	1,303.8	9.1	73.2
August	1,177.7	117.8	1,295.5	9.1	72.7
September	1,188.2	118.9	1,307.2	9.1	73.3
October	1,195.6	105.0	1,300.5	8.1	72.8
November	1,194.4	109.0	1,303.4	8.4	72.9
December	1,200.6	110.5	1,311.1	8.4	73.2
1998 -					
January	1,193.3	114.0	1,307.4	8.7	72.9
February	1,203.5	105.5	1,309.1	8.1	73.0
FEMALES					
1996 -					
December	908.7	91.6	1,000.4	9.2	54.2
1997 -					
January	918.8	84.3	1,003.1	8.4	54.3
February	914.9	88.8	1,003.7	8.8	54.3
March	904.9	89.7	994.6	9.0	53.7
April	913.8	91.3	1,005.2	9.1	54.2
May	904.9	94.3	999.2	9.4	53.9
June	914.9	92.4	1,007.3	9.2	54.2
July	908.5	88.9	997.4	8.9	53.7
August	896.3	93.4	989.7	9.4	53.2
September	917.9	87.2	1,005.2	8.7	54.0
October	913.2	87.9	1,001.0	8.8	53.7
November	921.0	84.4	1,005.3	8.4	53.9
December	924.9	79.1	1,004.0	7.9	53.7
1998 -					
January	923.5	85.3	1,008.8	8.5	53.9
February	925.7	79.3	1,005.0	7.9	53.7
PERSONS					
1996 -					
December	2,091.4	212.2	2,303.6	9.2	63.7
1997 -					
January	2,111.5	200.9	2,312.4	8.7	63.9
February	2,097.2	208.7	2,305.9	9.1	63.7
March	2,090.9	211.9	2,302.9	9.2	63.5
April	2,100.7	212.3	2,312.9	9.2	63.8
May	2,087.7	211.6	2,299.2	9.2	63.3
June	2,097.6	215.9	2,313.5	9.3	63.6
July	2,093.7	207.5	2,301.2	9.0	63.2
August	2,074.1	211.2	2,285.2	9.2	62.7
September	2,106.2	206.2	2,312.3	8.9	63.4
October	2,108.7	192.8	2,301.5	8.4	63.0
November	2,115.4	193.4	2,308.8	8.4	63.2
December	2,125.5	189.6	2,315.1	8.2	63.3
1998 -					
January	2,116.8	199.3	2,316.2	8.6	63.2
February	2,129.2	184.8	2,314.0	8.0	63.1

**TABLE 3. CIVILIAN POPULATION AGED 15 YEARS AND OVER BY
LABOUR FORCE STATUS, VICTORIA: TREND SERIES**

<i>Month</i>	<i>Employed ('000)</i>	<i>Unemployed ('000)</i>	<i>Labour force ('000)</i>	<i>Unemployment rate (%)</i>	<i>Participation rate (%)</i>
MALES					
1996 -					
December	1,187.6	120.5	1,308.1	9.2	74.0
1997 -					
January	1,187.2	120.2	1,307.3	9.2	73.9
February	1,186.6	120.0	1,306.6	9.2	73.8
March	1,185.7	120.1	1,305.8	9.2	73.7
April	1,184.4	120.5	1,305.0	9.2	73.5
May	1,183.3	120.8	1,304.2	9.3	73.4
June	1,182.8	120.4	1,303.2	9.2	73.3
July	1,183.3	118.9	1,302.2	9.1	73.1
August	1,185.1	116.7	1,301.8	9.0	73.0
September	1,187.9	114.4	1,302.3	8.8	73.0
October	1,191.3	112.3	1,303.6	8.6	73.0
November	1,194.5	110.7	1,305.1	8.5	73.0
December	1,197.2	109.5	1,306.7	8.4	73.0
1998 -					
January	1,199.3	108.8	1,308.2	8.3	73.0
February	1,201.3	108.2	1,309.5	8.3	73.0
FEMALES					
1996 -					
December	911.5	90.2	1,001.7	9.0	54.2
1997 -					
January	912.8	89.3	1,002.1	8.9	54.2
February	913.0	89.2	1,002.2	8.9	54.2
March	912.1	89.9	1,002.0	9.0	54.1
April	910.5	90.9	1,001.4	9.1	54.0
May	908.8	91.8	1,000.6	9.2	53.9
June	907.7	92.3	999.9	9.2	53.8
July	907.6	91.7	999.3	9.2	53.8
August	909.0	90.3	999.3	9.0	53.7
September	911.6	88.5	1,000.1	8.8	53.7
October	915.1	86.5	1,001.6	8.6	53.7
November	918.8	84.7	1,003.5	8.4	53.8
December	922.1	83.0	1,005.2	8.3	53.8
1998 -					
January	924.9	81.6	1,006.5	8.1	53.8
February	927.2	80.3	1,007.5	8.0	53.8
PERSONS					
1996 -					
December	2,099.1	210.7	2,309.8	9.1	63.9
1997 -					
January	2,100.0	209.5	2,309.5	9.1	63.8
February	2,099.6	209.3	2,308.8	9.1	63.8
March	2,097.8	210.0	2,307.8	9.1	63.7
April	2,094.9	211.4	2,306.3	9.2	63.6
May	2,092.1	212.7	2,304.8	9.2	63.5
June	2,090.4	212.7	2,303.1	9.2	63.3
July	2,090.9	210.6	2,301.5	9.1	63.2
August	2,094.2	207.0	2,301.2	9.0	63.2
September	2,099.5	202.9	2,302.4	8.8	63.1
October	2,106.4	198.8	2,305.2	8.6	63.1
November	2,113.3	195.4	2,308.6	8.5	63.2
December	2,119.3	192.6	2,311.9	8.3	63.2
1998 -					
January	2,124.2	190.4	2,314.7	8.2	63.2
February	2,128.5	188.5	2,317.0	8.1	63.2

TABLE 4. CIVILIAN POPULATION AGED 15 YEARS AND OVER BY LABOUR FORCE STATUS, AGE, AND ATTENDANCE AT AN EDUCATIONAL INSTITUTION, VICTORIA, FEBRUARY 1998

<i>Particulars</i>	<i>Employed</i>			<i>Unemp- loyed ('000)</i>	<i>Labour force ('000)</i>	<i>Not in labour force ('000)</i>	<i>Unemp- loyment rate (%)</i>	<i>Partici- pation rate (%)</i>
	<i>Full- time ('000)</i>	<i>Part- time ('000)</i>	<i>Total ('000)</i>					
Age (years) — 15 - 19								
15 - 17	9.4	52.3	61.6	22.0	83.6	105.4	26.3	44.2
18 - 19	39.5	35.2	74.7	22.4	97.1	31.4	23.1	75.6
Attending school	*0.6	46.3	46.9	11.7	58.6	104.8	20.0	35.9
Not attending school -								
Left before 1995	5.2	*1.6	6.8	*3.6	10.4	*2.6	*34.8	79.9
1995	11.8	*4.1	15.9	6.2	22.1	*3.9	28.3	85.0
Left from 1996 to survey date	31.3	35.5	66.8	22.8	89.6	25.2	25.4	78.1
Total aged 15 - 19 years	48.9	87.5	136.3	44.4	180.8	136.8	24.6	56.9
Age (years) - -								
20 - 24	191.0	63.5	254.5	39.1	293.6	48.1	13.3	85.9
25 - 34	454.1	91.7	545.8	40.2	586.0	136.1	6.9	81.2
35 - 44	420.3	119.5	539.8	39.3	579.1	124.3	6.8	82.3
45 - 54	342.6	99.2	441.8	28.8	470.6	129.5	6.1	78.4
55 and over	134.7	63.4	198.1	15.7	213.8	767.6	7.3	21.8
Total all ages	1,591.6	524.7	2,116.3	207.5	2,323.8	1,342.4	8.9	63.4
Attending tertiary educational institution full-time								
Age (years) -								
15 - 19	5.4	28.5	34.0	9.3	43.3	22.3	21.5	66.0
20 - 24	10.2	29.9	40.1	8.8	48.9	20.6	18.0	70.4

TABLE 5. CIVILIAN POPULATION AGED 15 YEARS AND OVER BY LABOUR FORCE STATUS AND RELATIONSHIP IN HOUSEHOLD, VICTORIA, FEBRUARY 1998

Relationship in household	Employed			Unemp- loyed (^{'000})	Labour force (^{'000})	Not in labour force (^{'000})	Civilian popu- lation 15 years and over (^{'000})	Unemp- loyment rate (%)	Partici- pation rate (%)
	Full- time (^{'000})	Part- time (^{'000})	Total (^{'000})						
MALES									
Family member	868.5	110.5	979.0	94.6	1,073.6	366.0	1,439.6	8.8	74.6
Husband or wife	690.1	51.1	741.2	44.7	785.9	252.7	1,038.6	5.7	75.7
With children under 15	364.6	16.0	380.6	23.8	404.4	21.4	425.8	5.9	95.0
Without children under 15	325.5	35.1	360.6	20.9	381.4	231.4	612.8	5.5	62.2
With dependants	434.2	18.5	452.6	26.6	479.2	27.7	506.9	5.6	94.5
Without dependants	255.9	32.6	288.6	18.1	306.7	225.1	531.7	5.9	57.7
Lone parent	17.3	*2.0	19.2	*2.6	21.8	7.7	29.5	*11.7	73.8
With children under 15	6.9	*0.6	7.6	*1.8	9.3	*1.7	11.0	*18.9	84.9
With dependent students but without children under 15	*4.3	*0.6	4.9	*0.2	5.1	*0.9	6.0	*4.9	84.9
Without dependants	6.1	*0.8	6.8	*0.5	7.4	5.2	12.6	*7.4	58.8
Dependent student(a)	8.1	36.2	44.4	13.0	57.3	67.5	124.9	22.6	45.9
Non-dependent child(b)	136.5	17.8	154.3	29.9	184.2	24.2	208.5	16.2	88.4
Other family person	16.5	*3.4	19.9	*4.4	24.3	13.7	38.0	*18.2	63.9
Non-family member	168.1	23.4	191.4	17.7	209.2	72.2	281.4	8.5	74.3
Lone person	89.7	10.0	99.7	8.9	108.6	56.9	165.6	8.2	65.6
Not living alone	78.4	13.4	91.7	8.8	100.5	15.3	115.8	8.7	86.8
Total	1,036.6	133.9	1,170.5	112.3	1,282.8	438.2	1,720.9	8.8	74.5
Not family coded(c)	28.4	*3.6	32.0	*4.4	36.4	36.7	73.1	*12.2	49.8
FEMALES									
Family member	418.4	350.2	768.6	74.4	843.0	648.2	1,491.2	8.8	56.5
Husband or wife	288.8	246.2	535.0	25.7	560.7	467.4	1,028.1	4.6	54.5
With children under 15	99.9	135.3	235.1	13.8	248.9	163.8	412.8	5.5	60.3
Without children under 15	189.0	110.9	299.9	11.8	311.8	303.5	615.3	3.8	50.7
With dependants	132.4	161.0	293.4	15.5	308.9	184.8	493.7	5.0	62.6
Without dependants	156.4	85.2	241.7	10.2	251.8	282.6	534.4	4.0	47.1
Lone parent	34.5	27.7	62.2	15.9	78.1	75.9	154.0	20.3	50.7
With children under 15	21.4	18.3	39.7	10.4	50.0	44.7	94.7	20.7	52.8
With dependent students but without children under 15	5.6	*4.5	10.1	*2.5	12.6	*4.1	16.7	*19.9	75.6
Without dependants	7.5	4.9	12.4	*3.0	15.4	27.2	42.6	*19.5	36.2
Dependent student(a)	5.7	55.6	61.3	11.1	72.4	59.6	132.0	15.3	54.8
Non-dependent child(b)	76.7	17.9	94.6	18.3	112.9	14.0	126.9	16.2	89.0
Other family person	12.6	*2.7	15.4	*3.6	18.9	31.3	50.2	*18.8	37.7
Non-family member	96.0	28.9	124.9	13.9	138.8	159.6	298.4	10.0	46.5
Lone person	51.7	15.0	66.7	7.7	74.4	142.9	217.3	10.4	34.3
Not living alone	44.3	13.9	58.2	6.2	64.4	16.8	81.1	9.6	79.3
Total	514.4	379.1	893.5	88.3	981.8	807.8	1,789.6	9.0	54.9
Not family coded(c)	12.2	8.2	20.4	*2.5	22.9	59.7	82.6	*10.9	27.7

TABLE 5. CIVILIAN POPULATION AGED 15 YEARS AND OVER BY LABOUR FORCE STATUS AND RELATIONSHIP IN HOUSEHOLD, VICTORIA, FEBRUARY 1998—continued

Relationship in household	Employed			Unemp- loyed (<i>'000</i>)	Labour force (<i>'000</i>)	Not in labour force (<i>'000</i>)	Civilian popu- lation 15 years and over (<i>'000</i>)	Unemp- loyment rate (%)	Partici- pation rate (%)
	Full- time (<i>'000</i>)	Part- time (<i>'000</i>)	Total (<i>'000</i>)						
	PERSONS								
Family member	1,286.9	460.7	1,747.6	169.0	1,916.6	1,014.2	2,930.7	8.8	65.4
Husband or wife	978.9	297.3	1,276.2	70.4	1,346.6	720.1	2,066.7	5.2	65.2
With children under 15	464.4	151.3	615.7	37.7	653.4	185.2	838.6	5.8	77.9
Without children under 15	514.5	146.0	660.5	32.7	693.2	534.9	1,228.1	4.7	56.4
With dependants	566.6	179.4	746.0	42.1	788.1	212.5	1,000.6	5.3	78.8
Without dependants	412.4	117.9	530.2	28.3	558.5	507.6	1,066.1	5.1	52.4
Lone parent	51.7	29.7	81.4	18.4	99.9	83.7	183.5	18.5	54.4
With children under 15	28.3	18.9	47.2	12.1	59.4	46.3	105.7	20.4	56.2
With dependent students but without children under 15	9.9	5.1	14.9	*2.8	17.7	5.0	22.7	*15.6	78.1
Without dependants	13.5	5.7	19.2	*3.6	22.8	32.4	55.2	*15.6	41.3
Dependent student(a)	13.9	91.9	105.7	24.0	129.7	127.2	256.9	18.5	50.5
Non-dependent child(b)	213.3	35.7	248.9	48.2	297.1	38.3	335.4	16.2	88.6
Other family person	29.1	6.2	35.3	8.0	43.3	45.0	88.2	18.4	49.0
Non-family member	264.1	52.3	316.4	31.6	348.0	231.8	579.8	9.1	60.0
Lone person	141.4	25.0	166.4	16.7	183.1	199.8	382.9	9.1	47.8
Not living alone	122.7	27.3	150.0	14.9	164.9	32.0	196.9	9.1	83.7
Total	1,551.0	513.0	2,063.9	200.6	2,264.5	1,246.0	3,510.6	8.9	64.5
Not family coded(c)	40.6	11.7	52.4	6.9	59.3	96.4	155.6	11.7	38.1

(a) Excludes persons aged 20-24 attending school. Also excludes sons or daughters aged 15-24 who are classified as husbands, wives or lone parents. (b) Aged 15 and over. (c) Includes usual residents of a household where relationship was not determined, visitors to private dwellings, and persons enumerated in non-private dwellings.

TABLE 6. CIVILIAN POPULATION AGED 15 YEARS AND OVER BY LABOUR FORCE STATUS, BIRTHPLACE, AND PERIOD OF ARRIVAL IN AUSTRALIA, VICTORIA, FEBRUARY 1998

<i>Birthplace particulars</i>	<i>Employed</i>			<i>Unemp- loyed (<i>'000</i>)</i>	<i>Labour force (<i>'000</i>)</i>	<i>Not in labour force (<i>'000</i>)</i>	<i>Unemp- loyment rate (%)</i>	<i>Partici- pation rate (a) (%)</i>
	<i>Full- time (<i>'000</i>)</i>	<i>Part- time (<i>'000</i>)</i>	<i>Total (<i>'000</i>)</i>					
Born in Australia	1,174.0	413.4	1,587.4	142.9	1,730.2	821.8	8.3	67.8
Born outside Australia —								
Africa	10.3	*2.3	12.6	*3.0	15.6	11.6	*19.0	57.2
America	16.7	*2.2	18.9	*3.2	22.1	10.2	*14.7	68.4
Southeast Asia —	57.7	10.5	68.2	16.7	84.9	50.2	19.6	62.8
Malaysia	10.2	*2.2	12.4	*0.6	13.0	5.8	*4.3	69.1
Viet Nam	19.9	*3.7	23.7	9.1	32.8	23.3	27.8	58.4
Other Southeast Asia	27.6	*4.6	32.1	7.0	39.1	21.1	17.9	65.0
Northeast Asia	15.4	5.7	21.1	*3.8	24.9	20.8	*15.2	54.5
Southern Asia	23.0	7.3	30.3	*3.7	34.0	21.0	*10.9	61.8
The Middle East and North Africa	17.5	5.7	23.2	5.5	28.7	30.2	19.3	48.7
Europe —	245.8	68.3	314.1	24.8	338.9	305.5	7.3	52.6
Germany	14.2	*3.5	17.7	*0.7	18.5	16.7	*3.9	52.5
Greece	20.6	6.0	26.5	*3.0	29.6	37.1	*10.2	44.3
Italy	28.5	6.2	34.7	*1.7	36.4	53.1	*4.7	40.6
Malta	8.7	*3.1	11.8	*0.6	12.4	13.6	*4.7	47.7
Netherlands	10.5	*1.7	12.2	*0.5	12.7	12.7	*4.2	50.0
Poland	8.4	*2.5	10.9	*0.8	11.7	15.9	*7.1	42.4
UK and Ireland	104.3	31.8	136.1	9.6	145.7	85.3	6.6	63.1
Former Yugoslav Republics	26.9	4.7	31.6	*4.2	35.8	35.7	*11.8	50.1
Other Europe	23.8	8.8	32.6	*3.6	36.2	35.4	*9.8	50.5
Oceania —	31.2	9.4	40.6	*3.9	44.6	13.5	*8.9	76.8
New Zealand	23.2	7.4	30.5	*2.5	33.0	10.8	*7.5	75.4
Other Oceania	8.1	*2.0	10.1	*1.5	11.6	*2.7	*12.6	81.1
Main English speaking countries (b)	140.8	41.4	182.3	13.4	195.7	105.1	6.9	65.1
Other than main English speaking countries	276.7	69.9	346.7	51.2	397.9	357.9	12.9	52.6
Period of arrival —								
Before 1961	69.5	20.4	89.9	5.3	95.3	173.0	5.6	35.5
1961 - 1965	37.1	10.2	47.3	*4.0	51.3	49.3	*7.7	51.0
1966 - 1970	65.4	15.4	80.9	5.5	86.4	58.5	6.4	59.6
1971 - 1975	48.4	14.6	63.0	4.9	67.9	29.7	7.2	69.6
1976 - 1980	43.1	7.8	50.9	5.2	56.1	18.2	9.3	75.5
1981 - 1985	44.0	11.0	55.0	8.0	63.0	28.0	12.7	69.2
1986 - 1990	64.9	17.0	81.8	11.7	93.5	43.8	12.5	68.1
1991 - 1995	30.8	9.7	40.5	13.5	54.1	35.7	25.0	60.2
1996 to survey date	14.4	5.2	19.6	6.5	26.0	26.7	24.8	49.3
Total overseas born	417.6	111.4	528.9	64.7	593.6	463.0	10.9	56.2

(a) Because it is not practicable to ascertain the birthplace of persons in institutions (who are classified as 'not in the labour force'), labour force participation rates for persons classified by birthplace are calculated by using population estimates which exclude those in institutions. (b) Comprises Canada, New Zealand, South Africa, United Kingdom and Ireland, United States of America.

**TABLE 7. CIVILIAN POPULATION AGED 15 YEARS AND OVER BY LABOUR FORCE STATUS,
VICTORIAN REGIONS, DECEMBER 1997**

VICTORIAN REGIONS, DECEMBER 1997								
Region	Employed			Unemp- loyed (^{'000})	Labour force (^{'000})	Not in labour force (^{'000})	Unemp- loyment rate (%)	Partici- pation rate (%)
	Full- time (^{'000})	Part- time (^{'000})	Total (^{'000})					
MALES								
Melbourne MSR-	785.7	111.5	897.2	81.6	978.8	315.0	8.3	75.7
North Western Melbourne	55.9	4.8	60.7	9.2	69.9	28.2	13.2	71.2
Outer Western Melbourne	118.2	15.6	133.8	14.0	147.8	59.8	9.5	71.2
Inner Melbourne	52.1	8.8	61.0	6.5	67.5	24.7	9.7	73.3
North Eastern Melbourne	102.7	14.8	117.4	12.6	130.0	41.7	9.7	75.7
Inner Eastern Melbourne	129.0	23.0	152.0	11.4	163.4	56.9	7.0	74.2
Southern Melbourne	85.6	14.4	100.0	7.6	107.7	31.1	7.1	77.6
Outer Eastern Melbourne	92.8	14.9	107.7	6.6	114.3	26.5	5.8	81.2
South Eastern Melbourne	91.7	9.8	101.5	6.0	107.5	24.8	5.6	81.3
Mornington Peninsula	57.7	5.4	63.0	7.7	70.7	21.4	10.9	76.8
Balance of Victoria MSR-	278.7	44.3	323.0	27.9	350.9	145.7	8.0	70.7
Barwon-Western District	69.0	11.5	80.4	6.2	86.7	38.7	7.2	69.1
Central Highlands-Wimmera	49.3	8.9	58.2	*3.6	61.8	20.0	*5.9	75.5
Loddon-Mallee	63.8	9.8	73.6	5.7	79.3	33.2	7.2	70.5
Goulburn-Ovens-Murray	60.2	10.0	70.2	5.9	76.2	28.2	7.8	73.0
All Gippsland	36.4	*4.1	40.5	6.4	46.9	25.6	13.6	64.7
Total	1,064.4	155.8	1,220.2	109.5	1,329.7	460.7	8.2	74.3
FEMALES								
Melbourne MSR-	415.2	280.1	695.3	57.4	752.8	605.1	7.6	55.4
North Western Melbourne	32.1	17.7	49.8	4.5	54.3	45.8	8.2	54.2
Outer Western Melbourne	61.2	35.6	96.8	11.4	108.2	104.9	10.6	50.8
Inner Melbourne	36.6	19.9	56.5	*3.0	59.5	38.5	*5.0	60.7
North Eastern Melbourne	52.0	34.7	86.7	8.5	95.2	81.6	8.9	53.8
Inner Eastern Melbourne	77.7	53.4	131.0	7.6	138.6	105.7	5.5	56.7
Southern Melbourne	54.6	34.6	89.2	5.9	95.1	76.2	6.2	55.5
Outer Eastern Melbourne	38.1	35.8	73.9	7.1	81.0	52.3	8.8	60.8
South Eastern Melbourne	37.6	28.9	66.5	5.6	72.1	56.2	7.7	56.2
Mornington Peninsula	25.4	19.5	44.9	3.9	48.8	43.8	8.1	52.7
Balance of Victoria MSR-	114.9	124.5	239.4	24.8	264.2	246.7	9.4	51.7
Barwon-Western District	27.3	31.3	58.5	8.4	67.0	62.5	12.6	51.7
Central Highlands-Wimmera	16.9	25.3	42.2	*3.8	46.0	36.4	*8.2	55.8
Loddon-Mallee	25.8	26.9	52.6	4.5	57.1	53.5	7.8	51.6
Goulburn-Ovens-Murray	29.5	24.8	54.3	*3.3	57.6	56.4	*5.7	50.5
All Gippsland	15.6	16.2	31.8	4.8	36.6	38.0	13.1	49.1
Total	530.2	404.6	934.8	82.2	1,016.9	851.8	8.1	54.4
PERSONS								
Melbourne MSR-	1,201.0	391.6	1,592.6	139.0	1,731.6	920.1	8.0	65.3
North Western Melbourne	87.9	22.6	110.5	13.7	124.2	74.1	11.0	62.6
Outer Western Melbourne	179.4	51.2	230.6	25.4	256.0	164.7	9.9	60.9
Inner Melbourne	88.7	28.7	117.5	9.5	127.0	63.2	7.5	66.8
North Eastern Melbourne	154.7	49.5	204.2	21.0	225.2	123.3	9.3	64.6
Inner Eastern Melbourne	206.7	76.3	283.1	19.0	302.0	162.6	6.3	65.0
Southern Melbourne	140.2	49.0	189.2	13.6	202.7	107.3	6.7	65.4
Outer Eastern Melbourne	130.9	50.7	181.6	13.7	195.3	78.7	7.0	71.3
South Eastern Melbourne	129.3	38.7	168.1	11.6	179.6	81.0	6.4	68.9
Mornington Peninsula	83.0	24.9	107.9	11.6	119.5	65.2	9.7	64.7
Balance of Victoria MSR-	393.6	168.8	562.4	52.7	615.1	392.4	8.6	61.1
Barwon-Western District	96.3	42.7	139.0	14.7	153.6	101.2	9.5	60.3
Central Highlands-Wimmera	66.2	34.2	100.4	7.4	107.8	56.4	6.9	65.7
Loddon-Mallee	89.5	36.7	126.2	10.2	136.4	86.7	7.5	61.2
Goulburn-Ovens-Murray	89.7	34.9	124.5	9.2	133.7	84.5	6.9	61.3
All Gippsland	52.0	20.3	72.3	11.2	83.5	63.6	13.4	56.8
Total	1,594.6	560.4	2,155.0	191.7	2,346.7	1,312.5	8.2	64.1

**TABLE 8. CIVILIAN POPULATION AGED 15 YEARS AND OVER BY LABOUR FORCE STATUS,
VICTORIAN REGIONS, JANUARY 1998**

VICTORIAN REGIONS, JANUARY 1998								
Region	Employed			Unemp- loyed ('000)	Labour force ('000)	Not in labour force ('000)	Unemp- loyment rate (%)	Partici- pation rate (%)
	Full- time ('000)	Part- time ('000)	Total ('000)					
MALES								
Melbourne MSR-	779.6	98.1	877.7	88.8	966.5	329.3	9.2	74.6
North Western Melbourne	54.8	4.7	59.5	12.0	71.5	27.3	16.8	72.4
Outer Western Melbourne	116.4	14.5	130.9	16.6	147.5	60.4	11.2	71.0
Inner Melbourne	53.8	7.8	61.7	5.3	67.0	26.2	8.0	71.9
North Eastern Melbourne	106.2	12.2	118.4	14.4	132.8	42.0	10.8	76.6
Inner Eastern Melbourne	125.7	19.7	145.4	10.4	155.8	61.7	6.7	71.6
Southern Melbourne	80.6	11.2	91.7	8.1	99.9	34.0	8.2	74.6
Outer Eastern Melbourne	94.9	12.8	107.6	7.1	114.7	26.8	6.2	81.1
South Eastern Melbourne	91.2	10.2	101.4	9.4	110.8	27.0	8.5	80.4
Mornington Peninsula	56.0	5.1	61.1	5.3	66.5	24.1	8.0	73.4
Balance of Victoria MSR-	275.2	32.8	308.0	33.6	341.6	154.8	9.8	68.8
Barwon-Western District	71.2	10.0	81.2	8.8	90.0	36.0	9.8	71.5
Central Highlands-Wimmera	46.5	7.5	54.0	4.8	58.9	20.2	8.2	74.4
Loddon-Mallee	59.6	5.7	65.3	6.5	71.8	38.0	9.0	65.4
Goulburn-Ovens-Murray	58.8	6.8	65.5	8.4	74.0	31.7	11.4	70.0
All Gippsland	39.1	*2.8	41.9	5.0	46.9	28.9	10.7	61.9
Total	1,054.8	130.9	1,185.7	122.4	1,308.1	484.2	9.4	73.0
FEMALES								
Melbourne MSR-	394.5	261.6	656.1	64.8	721.0	638.8	9.0	53.0
North Western Melbourne	33.5	18.7	52.2	6.2	58.4	45.5	10.6	56.2
Outer Western Melbourne	53.1	32.2	85.3	11.2	96.5	111.7	11.6	46.3
Inner Melbourne	38.0	13.3	51.3	5.8	57.1	43.3	10.2	56.9
North Eastern Melbourne	52.4	37.2	89.6	8.7	98.3	83.7	8.8	54.0
Inner Eastern Melbourne	72.7	50.5	123.2	7.9	131.1	110.9	6.0	54.2
Southern Melbourne	48.3	31.0	79.3	4.3	83.6	81.4	5.1	50.7
Outer Eastern Melbourne	37.2	33.4	70.6	8.1	78.7	58.2	10.3	57.5
South Eastern Melbourne	37.5	26.0	63.5	7.3	70.8	59.1	10.3	54.5
Mornington Peninsula	21.8	19.3	41.1	5.4	46.5	45.0	11.6	50.8
Balance of Victoria MSR-	118.8	118.7	237.5	24.6	262.1	248.6	9.4	51.3
Barwon-Western District	30.4	29.9	60.3	7.3	67.6	60.2	10.9	52.9
Central Highlands-Wimmera	15.8	23.8	39.7	*4.4	44.0	35.1	*9.9	55.6
Loddon-Mallee	25.7	23.2	48.9	*4.0	52.9	55.9	*7.6	48.7
Goulburn-Ovens-Murray	28.5	28.2	56.6	5.3	62.0	57.0	8.6	52.1
All Gippsland	18.4	13.6	32.0	*3.5	35.5	40.5	*9.8	46.7
Total	513.3	380.3	893.6	89.4	983.0	887.4	9.1	52.6
PERSONS								
Melbourne MSR-	1,174.1	359.8	1,533.8	153.6	1,687.4	968.1	9.1	63.5
North Western Melbourne	88.2	23.4	111.6	18.2	129.9	72.8	14.0	64.1
Outer Western Melbourne	169.5	46.7	216.2	27.8	244.0	172.1	11.4	58.6
Inner Melbourne	91.9	21.1	113.0	11.2	124.1	69.4	9.0	64.1
North Eastern Melbourne	158.6	49.5	208.1	23.0	231.1	125.7	10.0	64.8
Inner Eastern Melbourne	198.5	70.1	268.6	18.3	286.9	172.5	6.4	62.4
Southern Melbourne	128.9	42.2	171.1	12.4	183.5	115.4	6.8	61.4
Outer Eastern Melbourne	132.0	46.1	178.2	15.2	193.4	85.0	7.9	69.5
South Eastern Melbourne	128.7	36.2	164.9	16.8	181.6	86.1	9.2	67.8
Mornington Peninsula	77.8	24.4	102.2	10.8	113.0	69.1	9.5	62.1
Balance of Victoria MSR-	394.0	151.5	545.5	58.1	603.7	403.5	9.6	59.9
Barwon-Western District	101.6	39.9	141.5	16.2	157.7	96.1	10.3	62.1
Central Highlands-Wimmera	62.3	31.4	93.7	9.2	102.9	55.3	8.9	65.0
Loddon-Mallee	85.4	28.9	114.3	10.5	124.8	93.8	8.4	57.1
Goulburn-Ovens-Murray	87.2	35.0	122.2	13.8	135.9	88.8	10.1	60.5
All Gippsland	57.5	16.4	73.9	8.5	82.4	69.4	10.3	54.3
Total	1,568.1	511.3	2,079.3	211.8	2,291.1	1,371.6	9.2	62.6

**TABLE 9. CIVILIAN POPULATION AGED 15 YEARS AND OVER BY LABOUR FORCE STATUS,
VICTORIAN REGIONS, FEBRUARY 1998**

Region	Employed			Unemp- loyed (^{'000})	Labour force (^{'000})	Not in labour force (^{'000})	Unemp- loyment rate (%)	Partici- pation rate (%)
	Full- time (^{'000})	Part- time (^{'000})	Total (^{'000})					
MALES								
Melbourne MSR-	782.8	97.9	880.7	85.2	965.9	331.9	8.8	74.4
North Western Melbourne	55.9	5.2	61.1	10.2	71.3	26.3	14.3	73.0
Outer Western Melbourne	125.2	12.9	138.1	17.1	155.1	62.4	11.0	71.3
Inner Melbourne	54.9	8.3	63.2	5.1	68.3	24.5	7.5	73.6
North Eastern Melbourne	93.6	13.9	107.6	11.2	118.8	42.9	9.5	73.5
Inner Eastern Melbourne	127.9	16.7	144.6	14.6	159.2	62.6	9.2	71.8
Southern Melbourne	80.9	13.5	94.5	6.0	100.4	32.0	5.9	75.8
Outer Eastern Melbourne	94.7	12.5	107.2	7.5	114.7	27.6	6.5	80.6
South Eastern Melbourne	90.2	10.5	100.7	8.6	109.3	28.0	7.9	79.6
Mornington Peninsula	59.4	4.4	63.8	4.9	68.7	25.6	7.2	72.9
Balance of Victoria MSR-	282.2	39.5	321.7	31.6	353.3	143.0	8.9	71.2
Barwon-Western District	70.9	11.5	82.4	8.1	90.5	36.0	9.0	71.6
Central Highlands-Wimmera	48.4	9.7	58.0	7.1	65.2	17.0	11.0	79.3
Loddon-Mallee	57.2	6.2	63.4	6.2	69.6	30.9	8.8	69.2
Goulburn-Ovens-Murray	66.5	8.3	74.8	*3.8	78.6	30.7	*4.8	71.9
All Gippsland	39.1	*3.9	43.0	6.4	49.4	28.4	12.9	63.5
Total	1,065.0	137.5	1,202.5	116.7	1,319.2	474.8	8.8	73.5
FEMALES								
Melbourne MSR-	407.2	265.6	672.8	64.2	736.9	624.7	8.7	54.1
North Western Melbourne	32.0	17.5	49.5	6.5	55.9	47.4	11.6	54.1
Outer Western Melbourne	53.5	38.5	92.0	12.3	104.3	108.4	11.8	49.0
Inner Melbourne	39.7	14.9	54.6	5.9	60.5	42.0	9.8	59.0
North Eastern Melbourne	55.2	32.6	87.9	7.7	95.6	78.7	8.1	54.8
Inner Eastern Melbourne	78.5	43.6	122.1	9.6	131.7	115.5	7.3	53.3
Southern Melbourne	48.4	33.0	81.5	*3.3	84.8	77.8	*3.9	52.2
Outer Eastern Melbourne	39.5	37.9	77.4	5.6	83.1	54.2	6.8	60.5
South Eastern Melbourne	35.3	26.7	62.1	7.1	69.2	58.5	10.3	54.2
Mornington Peninsula	25.0	20.8	45.9	6.1	51.9	42.1	11.7	55.3
Balance of Victoria MSR-	119.4	121.7	241.1	26.6	267.7	242.8	9.9	52.4
Barwon-Western District	32.9	30.5	63.4	7.5	70.8	62.8	10.6	53.0
Central Highlands-Wimmera	18.7	23.1	41.8	*4.1	46.0	33.8	*9.0	57.6
Loddon-Mallee	24.4	20.9	45.2	4.3	49.5	47.2	8.6	51.2
Goulburn-Ovens-Murray	27.8	30.1	58.0	5.9	63.9	54.8	9.2	53.8
All Gippsland	15.6	17.0	32.7	4.8	37.5	44.2	12.9	45.9
Total	526.6	387.3	913.8	90.8	1,004.6	867.5	9.0	53.7
PERSONS								
Melbourne MSR-	1,190.0	363.5	1,553.5	149.3	1,702.8	956.6	8.8	64.0
North Western Melbourne	87.9	22.7	110.6	16.6	127.2	73.8	13.1	63.3
Outer Western Melbourne	178.6	51.5	230.1	29.3	259.4	170.8	11.3	60.3
Inner Melbourne	94.6	23.2	117.7	11.0	128.8	66.6	8.6	65.9
North Eastern Melbourne	148.9	46.5	195.4	19.0	214.4	121.6	8.9	63.8
Inner Eastern Melbourne	206.4	60.3	266.7	24.2	290.9	178.1	8.3	62.0
Southern Melbourne	129.4	46.5	175.9	9.3	185.2	109.8	5.0	62.8
Outer Eastern Melbourne	134.2	50.4	184.6	13.1	197.8	81.8	6.6	70.7
South Eastern Melbourne	125.6	37.2	162.7	15.7	178.5	86.5	8.8	67.3
Mornington Peninsula	84.4	25.3	109.7	11.0	120.7	67.6	9.1	64.1
Balance of Victoria MSR-	401.6	161.2	562.8	58.2	621.0	385.8	9.4	61.7
Barwon-Western District	103.8	42.0	145.8	15.6	161.4	98.8	9.7	62.0
Central Highlands-Wimmera	67.1	32.8	99.9	11.3	111.2	50.8	10.2	68.6
Loddon-Mallee	81.6	27.1	108.7	10.4	119.1	78.2	8.8	60.4
Goulburn-Ovens-Murray	94.4	38.4	132.8	9.7	142.4	85.5	6.8	62.5
All Gippsland	54.8	21.0	75.7	11.2	86.9	72.6	12.9	54.5
Total	1,591.6	524.7	2,116.3	207.5	2,323.8	1,342.4	8.9	63.4

**TABLE 10. CIVILIAN POPULATION AGED 15 YEARS AND OVER BY
LABOUR FORCE STATUS AND AGE,
VICTORIAN REGIONS, FEBRUARY 1998**

Age (years)	Males				Females				Persons			
	Employed (^{'000})	Labour force (^{'000})	Not in labour force (^{'000})	Partici- pation rate (%)	Employed (^{'000})	Labour force (^{'000})	Not in labour force (^{'000})	Partici- pation rate (%)	Employed (^{'000})	Labour force (^{'000})	Not in labour force (^{'000})	Partici- pation rate (%)
NORTH WESTERN MELBOURNE												
15 - 24	10.3	15.1	5.5	73.5	8.5	12.2	4.7	72.4	18.8	27.3	10.1	73.0
25 - 34	22.2	24.0	*0.9	96.3	18.6	20.3	9.5	68.2	40.8	44.3	10.4	81.0
35 - 44	15.1	16.3	*1.5	91.7	14.0	14.6	5.9	71.2	29.1	30.9	7.4	80.7
45 - 54	9.6	11.3	*0.3	97.6	6.4	6.7	4.7	58.8	16.0	18.0	5.0	78.4
55 and over	3.8	4.6	18.2	20.2	*2.0	*2.2	22.7	*8.8	5.8	6.8	41.0	14.2
Total	61.1	71.3	26.3	73.0	49.5	55.9	47.4	54.1	110.6	127.2	73.8	63.3
OUTER WESTERN MELBOURNE												
15 - 24	21.8	28.3	10.0	73.8	21.9	27.2	11.0	71.3	43.6	55.6	21.0	72.6
25 - 34	41.8	45.6	3.5	92.8	24.4	27.4	16.0	63.2	66.2	73.1	19.5	79.0
35 - 44	34.6	37.3	3.9	90.6	20.7	23.8	14.3	62.5	55.3	61.1	18.1	77.1
45 - 54	28.0	29.7	3.5	89.5	21.6	21.9	13.1	62.5	49.6	51.6	16.6	75.6
55 and over	11.9	14.2	41.5	25.5	3.4	3.9	54.1	6.7	15.3	18.1	95.6	15.9
Total	138.1	155.1	62.4	71.3	92.0	104.3	108.4	49.0	230.1	259.4	170.8	60.3
INNER MELBOURNE												
15 - 24	8.1	9.0	6.5	58.3	8.8	10.0	5.5	64.6	16.9	19.0	11.9	61.4
25 - 34	22.9	25.2	3.6	87.6	21.3	24.4	5.9	80.6	44.2	49.6	9.4	84.0
35 - 44	17.7	18.3	*1.5	92.5	11.5	11.7	4.5	72.4	29.1	30.0	6.0	83.4
45 - 54	7.0	7.8	*2.3	77.4	7.8	8.9	4.1	68.5	14.8	16.8	6.4	72.4
55 and over	7.5	8.0	10.7	42.7	5.2	5.5	22.2	19.8	12.7	13.4	32.8	29.0
Total	63.2	68.3	24.5	73.6	54.6	60.5	42.0	59.0	117.7	128.8	66.6	65.9
NORTH EASTERN MELBOURNE												
15 - 24	13.6	17.2	7.0	71.0	14.2	18.1	9.6	65.4	27.8	35.3	16.6	68.0
25 - 34	32.7	35.2	4.6	88.4	27.3	28.1	8.9	75.9	60.0	63.4	13.5	82.4
35 - 44	27.6	30.5	*0.3	99.0	23.8	24.9	9.0	73.6	51.4	55.5	9.3	85.7
45 - 54	22.4	23.9	3.8	86.4	17.6	18.4	9.8	65.2	40.0	42.4	13.6	75.7
55 and over	11.2	11.9	27.2	30.5	5.0	6.0	41.4	12.6	16.2	17.9	68.7	20.7
Total	107.6	118.8	42.9	73.5	87.9	95.6	78.7	54.8	195.4	214.4	121.6	63.8
INNER EASTERN MELBOURNE												
15 - 24	22.5	29.5	13.7	68.2	28.8	31.1	14.3	68.6	51.3	60.6	28.0	68.4
25 - 34	34.1	36.9	*2.8	92.9	29.3	30.9	11.7	72.5	63.4	67.9	14.5	82.4
35 - 44	33.8	35.9	*2.7	93.1	26.9	30.6	12.0	71.7	60.7	66.4	14.7	81.9
45 - 54	32.6	33.5	*2.9	92.1	28.0	29.8	13.6	68.6	60.6	63.3	16.5	79.3
55 and over	21.7	23.4	40.5	36.7	9.1	9.3	63.9	12.7	30.7	32.7	104.3	23.9
Total	144.6	159.2	62.6	71.8	122.1	131.7	115.5	53.3	266.7	290.9	178.1	62.0
SOUTHERN MELBOURNE												
15 - 24	11.9	13.6	5.8	70.0	16.8	18.4	7.6	70.8	28.7	32.0	13.4	70.5
25 - 34	23.1	23.7	*1.4	94.2	21.6	21.6	5.8	78.8	44.7	45.3	7.3	86.2
35 - 44	23.7	26.0	*1.5	94.6	21.3	21.9	8.1	72.9	45.0	47.9	9.6	83.3
45 - 54	21.9	22.8	*2.3	90.7	14.0	15.2	9.3	62.1	35.9	37.9	11.6	76.6
55 and over	13.8	14.3	21.0	40.6	7.7	7.7	47.0	14.1	21.6	22.1	68.0	24.5
Total	94.5	100.4	32.0	75.8	81.5	84.8	77.8	52.2	175.9	185.2	109.8	62.8

**TABLE 10. CIVILIAN POPULATION AGED 15 YEARS AND OVER BY
LABOUR FORCE STATUS AND AGE,
VICTORIAN REGIONS, FEBRUARY 1998 - continued**

Age (years)	Males				Females				Persons			
	Employed (<i>'000</i>)	Labour force (<i>'000</i>)	Not in labour force (<i>'000</i>)	Partici- pation rate (%)	Employed (<i>'000</i>)	Labour force (<i>'000</i>)	Not in labour force (<i>'000</i>)	Partici- pation rate (%)	Employed (<i>'000</i>)	Labour force (<i>'000</i>)	Not in labour force (<i>'000</i>)	Partici- pation rate (%)
OUTER EASTERN MELBOURNE												
15 - 24	21.7	24.4	6.2	79.9	15.4	17.4	6.9	71.6	37.1	41.8	13.0	76.2
25 - 34	21.6	23.6	*1.9	92.4	18.2	19.3	7.8	71.1	39.8	42.9	9.8	81.5
35 - 44	27.9	28.7	*0.6	98.0	19.6	21.0	10.1	67.6	47.5	49.8	10.6	82.4
45 - 54	26.4	27.0	*2.4	92.0	20.3	21.2	5.7	78.7	46.7	48.2	8.1	85.6
55 and over	9.7	11.0	16.6	39.8	3.9	4.2	23.7	15.0	13.6	15.1	40.3	27.3
Total	107.2	114.7	27.6	80.6	77.4	83.1	54.2	60.5	184.6	197.8	81.8	70.7
SOUTH EASTERN MELBOURNE												
15 - 24	23.3	26.2	7.0	78.9	11.0	14.8	7.7	65.9	34.3	41.0	14.6	73.7
25 - 34	19.7	20.9	*1.1	94.8	12.9	14.3	8.8	61.7	32.6	35.1	10.0	77.9
35 - 44	26.4	28.5	*1.2	96.0	20.5	21.3	11.2	65.6	46.9	49.8	12.4	80.1
45 - 54	22.1	23.9	*1.7	93.2	14.8	15.4	5.3	74.5	37.0	39.3	7.0	84.9
55 and over	9.1	9.9	17.0	36.9	*2.9	*3.4	25.6	*11.6	12.0	13.3	42.5	23.8
Total	100.7	109.3	28.0	79.6	62.1	69.2	58.5	54.2	162.7	178.5	86.5	67.3
MORNINGTON PENINSULA												
15 - 24	11.7	13.7	5.4	71.8	12.4	14.9	4.0	78.9	24.1	28.6	9.4	75.3
25 - 34	18.4	19.2	*0.6	97.1	14.3	15.7	5.0	75.7	32.6	34.9	5.6	86.1
35 - 44	16.9	17.8	*0.3	98.3	9.2	10.9	*3.1	78.0	26.1	28.7	*3.4	89.4
45 - 54	12.3	13.5	*2.0	87.0	9.0	9.2	5.7	61.9	21.2	22.7	7.7	74.6
55 and over	4.6	4.6	17.3	21.0	*1.0	*1.2	24.2	*4.8	5.6	5.8	41.5	12.3
Total	63.8	68.7	25.6	72.9	45.9	51.9	42.1	55.3	109.7	120.7	67.6	64.1

**TABLE 10. CIVILIAN POPULATION AGED 15 YEARS AND OVER BY
LABOUR FORCE STATUS AND AGE,
VICTORIAN REGIONS, FEBRUARY 1998 - continued**

Age (years)	Males				Females				Persons			
	Employed (<i>'000</i>)	Labour force (<i>'000</i>)	Not in labour force (<i>'000</i>)	Partici- pation rate (%)	Employed (<i>'000</i>)	Labour force (<i>'000</i>)	Not in labour force (<i>'000</i>)	Partici- pation rate (%)	Employed (<i>'000</i>)	Labour force (<i>'000</i>)	Not in labour force (<i>'000</i>)	Partici- pation rate (%)
BARWON-WESTERN DISTRICT												
15 - 24	12.6	16.2	6.3	72.1	15.9	19.0	6.5	74.6	28.4	35.2	12.8	73.4
25 - 34	20.8	22.3	*1.5	93.7	17.7	18.8	6.3	74.9	38.4	41.0	7.8	84.0
35 - 44	23.9	25.1	*0.5	98.0	14.7	16.1	7.2	69.2	38.6	41.2	7.7	84.3
45 - 54	15.0	16.0	*3.0	84.2	10.5	12.0	6.5	65.0	25.4	28.1	9.5	74.7
55 and over	10.2	10.9	24.6	30.7	4.7	5.0	36.4	12.0	14.9	15.9	61.0	20.6
Total	82.4	90.5	36.0	71.6	63.4	70.8	62.8	53.0	145.8	161.4	98.8	62.0
CENTRAL HIGHLANDS-WIMMERA												
15 - 24	11.4	16.3	*2.5	86.8	7.5	9.8	*4.4	69.1	18.9	26.0	6.8	79.2
25 - 34	11.8	12.4	*0.9	93.3	8.8	9.1	*4.4	67.7	20.7	21.5	5.2	80.4
35 - 44	15.8	16.7	*0.0	100.0	11.6	12.4	5.2	70.5	27.4	29.2	5.2	84.9
45 - 54	10.9	11.1	*2.1	83.8	8.6	9.4	*2.9	76.5	19.5	20.6	5.0	80.3
55 and over	8.1	8.6	11.5	42.8	5.3	5.3	17.0	23.6	13.4	13.8	28.5	32.7
Total	58.0	65.2	17.0	79.3	41.8	46.0	33.8	57.6	99.9	111.2	50.8	68.6
LODDON-MALLEE												
15 - 24	13.0	14.1	4.4	76.3	6.3	7.9	6.0	57.0	19.3	22.0	10.3	68.0
25 - 34	12.2	13.4	*2.1	86.6	9.4	9.9	8.0	55.3	21.5	23.2	10.1	69.8
35 - 44	16.0	16.6	*2.3	87.9	13.8	14.1	4.3	76.6	29.8	30.7	6.6	82.3
45 - 54	15.3	17.8	*3.3	84.4	12.0	13.8	5.5	71.4	27.3	31.6	8.8	78.2
55 and over	7.0	7.7	18.9	29.1	*3.8	*3.8	23.5	*13.9	10.7	11.5	42.4	21.4
Total	63.4	69.6	30.9	69.2	45.2	49.5	47.2	51.2	108.7	119.1	78.2	60.4
GOULBURN-OVENS-MURRAY												
15 - 24	12.0	13.5	5.3	71.8	12.7	15.8	*4.1	79.5	24.8	29.3	9.4	75.8
25 - 34	17.6	18.2	*0.3	98.3	9.9	11.0	7.1	61.0	27.5	29.2	7.4	79.8
35 - 44	18.5	19.6	*0.8	96.2	16.4	17.9	4.6	79.5	34.9	37.5	5.4	87.4
45 - 54	16.9	17.5	*1.8	90.6	13.6	13.9	4.9	73.8	30.5	31.4	6.7	82.3
55 and over	9.8	9.8	22.5	30.3	5.3	5.3	34.1	13.4	15.1	15.1	56.6	21.0
Total	74.8	78.6	30.7	71.9	58.0	63.9	54.8	53.8	132.8	142.4	85.5	62.5
ALL GIPPSLAND												
15 - 24	8.1	10.2	*3.7	73.4	8.6	10.5	*3.9	73.1	16.8	20.7	7.6	73.3
25 - 34	9.0	9.3	*2.4	79.7	*4.4	5.3	*3.3	61.2	13.4	14.5	5.7	71.8
35 - 44	9.9	11.3	*2.3	83.1	8.1	9.2	5.8	61.5	17.9	20.5	8.1	71.8
45 - 54	9.3	10.9	*1.7	86.7	7.8	8.1	5.2	60.7	17.1	18.9	6.9	73.4
55 and over	6.7	7.7	18.4	29.7	*3.8	*4.5	26.0	*14.7	10.5	12.2	44.4	21.6
Total	43.0	49.4	28.4	63.5	32.7	37.5	44.2	45.9	75.7	86.9	72.6	54.5

**TABLE 10. CIVILIAN POPULATION AGED 15 YEARS AND OVER BY
LABOUR FORCE STATUS AND AGE,
VICTORIAN REGIONS, FEBRUARY 1998 - *continued***

Age (years)	Males				Females				Persons			
	Employed (<i>'000</i>)	Labour force (<i>'000</i>)	Not in labour force (<i>'000</i>)	Partici- pation rate (%)	Employed (<i>'000</i>)	Labour force (<i>'000</i>)	Not in labour force (<i>'000</i>)	Partici- pation rate (%)	Employed (<i>'000</i>)	Labour force (<i>'000</i>)	Not in labour force (<i>'000</i>)	Partici- pation rate (%)
TOTAL MELBOURNE MSR												
15 - 19 -	46.3	62.9	50.2	55.6	45.0	59.4	48.3	55.1	91.3	122.3	98.5	55.4
15 - 17	17.8	25.7	40.3	38.9	22.2	29.5	33.4	46.9	39.9	55.2	73.8	42.8
18 - 19	28.5	37.2	9.9	79.1	22.8	29.8	14.9	66.7	51.4	67.1	24.8	73.0
20 - 24	98.7	113.9	16.8	87.2	92.7	104.8	22.7	82.2	191.4	218.8	39.5	84.7
25 - 34	236.5	254.4	20.5	92.5	187.8	202.0	79.4	71.8	424.3	456.4	99.9	82.0
35 - 44	223.6	239.3	13.3	94.7	167.5	180.7	78.1	69.8	391.1	420.0	91.4	82.1
45 - 54	182.3	193.4	21.2	90.1	139.5	146.7	71.4	67.3	321.8	340.0	92.5	78.6
55 - 59	53.7	59.3	18.7	76.0	25.7	27.8	48.6	36.4	79.4	87.1	67.3	56.4
60 - 64	26.1	28.6	34.9	45.0	10.5	11.5	52.8	17.9	36.6	40.1	87.7	31.4
65 and over	13.5	14.1	156.3	8.3	4.0	4.0	223.5	1.8	17.5	18.1	379.7	4.5
Total	880.7	965.9	331.9	74.4	672.8	736.9	624.7	54.1	1,553.5	1,702.8	956.6	64.0
TOTAL BALANCE OF VICTORIA MSR												
15 - 19 -	22.3	28.9	20.7	58.3	22.7	29.5	17.5	62.8	45.0	58.5	38.2	60.5
15 - 17	10.0	13.6	17.2	44.1	11.7	14.8	14.4	50.7	21.7	28.4	31.6	47.3
18 - 19	12.3	15.3	*3.5	81.4	11.1	14.7	*3.1	82.5	23.3	30.1	6.6	82.0
20 - 24	34.8	41.4	*1.4	96.6	28.2	33.4	7.2	82.3	63.1	74.8	8.6	89.6
25 - 34	71.3	75.5	7.1	91.4	50.2	54.1	29.1	65.0	121.5	129.6	36.2	78.2
35 - 44	84.1	89.3	5.9	93.8	64.6	69.8	27.0	72.1	148.7	159.1	32.9	82.9
45 - 54	67.4	73.3	11.9	86.0	52.5	57.2	25.0	69.6	119.9	130.6	36.9	77.9
55 - 59	20.7	22.8	9.4	70.7	12.2	13.2	18.3	41.9	32.9	36.0	27.7	56.5
60 - 64	11.0	11.7	17.0	40.8	5.4	5.4	23.7	18.6	16.4	17.1	40.7	29.6
65 and over	10.1	10.3	69.5	12.9	5.2	5.2	95.0	5.1	15.3	15.5	164.5	8.6
Total	321.7	353.3	143.0	71.2	241.1	267.7	242.8	52.4	562.8	621.0	385.8	61.7
TOTAL VICTORIA												
15 - 19 -	68.6	91.9	70.9	56.4	67.8	88.9	65.9	57.4	136.3	180.8	136.8	56.9
15 - 17	27.8	39.3	57.6	40.6	33.8	44.3	47.8	48.1	61.6	83.6	105.4	44.2
18 - 19	40.8	52.6	13.3	79.7	33.9	44.6	18.0	71.2	74.7	97.1	31.4	75.6
20 - 24	133.6	155.4	18.2	89.5	120.9	138.2	29.9	82.2	254.5	293.6	48.1	85.9
25 - 34	307.8	329.9	27.7	92.3	238.0	256.1	108.5	70.2	545.8	586.0	136.1	81.2
35 - 44	307.7	328.6	19.2	94.5	232.1	250.5	105.1	70.4	539.8	579.1	124.3	82.3
45 - 54	249.7	266.7	33.1	89.0	192.1	203.9	96.4	67.9	441.8	470.6	129.5	78.4
55 - 59	74.4	82.1	28.1	74.5	37.9	41.0	66.8	38.0	112.3	123.1	94.9	56.5
60 - 64	37.1	40.3	51.9	43.7	15.9	16.9	76.5	18.1	53.0	57.2	128.4	30.8
65 and over	23.6	24.4	225.8	9.7	9.2	9.2	318.5	2.8	32.8	33.6	544.3	5.8
Total	1,202.5	1,319.2	474.8	73.5	913.8	1,004.6	867.5	53.7	2,116.3	2,323.8	1,342.4	63.4

**TABLE 11. EMPLOYED PERSONS BY INDUSTRY AND OCCUPATION(a) BY AGE,
VICTORIA, FEBRUARY 1998
(^{'000})**

	(000)							
	Age group (years)							
Classification	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 and over	Total
INDUSTRY								
Agriculture, forestry and fishing	8.2	8.1	15.5	22.0	27.1	8.0	14.7	103.4
Mining	*0.3	*0.3	*0.5	*1.5	*0.5	*0.0	*0.2	*3.4
Manufacturing	11.6	38.4	87.6	94.7	76.2	21.4	12.8	342.6
Electricity, gas and water supply	*0.0	*0.6	4.8	5.5	*1.7	*1.0	*0.4	14.2
Construction	7.2	15.6	39.5	39.0	24.1	7.4	5.2	138.1
Wholesale trade	*2.7	13.9	39.3	33.7	28.8	6.8	6.3	131.6
Retail trade	68.0	58.2	71.6	54.8	45.2	10.9	11.6	320.2
Accommodation, cafes and restaurants	11.3	21.6	18.3	14.9	8.3	*2.5	*1.2	78.1
Transport and storage	*2.6	7.9	25.8	29.1	26.1	6.9	*4.4	102.8
Communication services	*0.0	*4.1	13.6	8.7	7.7	*1.5	*0.7	36.3
Finance and insurance	*0.3	10.1	30.4	24.0	15.3	*1.5	*1.2	82.8
Property and business services	6.8	28.9	69.7	59.5	49.7	11.7	9.1	235.4
Government administration and defence	*0.6	5.9	16.8	23.1	18.7	4.8	*1.7	71.5
Education	*1.4	*4.5	22.1	45.5	47.5	9.1	4.8	135.0
Health and community services	5.3	20.6	49.1	55.9	45.6	11.6	6.5	194.6
Cultural and recreational services	6.1	7.3	16.0	11.3	4.9	*2.5	*1.9	50.0
Personal and other services	*4.1	8.2	25.0	16.7	14.4	4.8	*3.0	76.2
Total	136.3	254.5	545.8	539.8	441.8	112.3	85.8	2,116.3
OCCUPATION								
Managers and administrators	*0.3	4.8	32.1	53.5	55.6	14.4	19.2	179.9
Professionals	*2.0	25.0	109.7	120.7	96.3	23.8	12.3	389.9
Associate professionals	*1.9	18.2	56.4	61.4	50.4	11.0	8.1	207.5
Tradespersons and related workers	15.7	40.4	83.8	68.7	48.6	17.4	12.1	286.7
Advanced clerical and service workers	*1.2	11.1	25.4	26.2	22.7	6.4	*4.2	97.4
Intermediate clerical, sales and service workers	18.6	64.7	97.9	73.2	58.4	12.2	10.0	334.9
Intermediate production and transport workers	10.9	18.0	49.2	56.6	42.7	10.0	6.6	194.0
Elementary clerical, sales and service workers	53.4	43.3	46.5	35.5	24.7	8.1	*4.6	216.0
Labourers and related workers	32.5	28.8	44.8	44.0	42.4	9.0	8.7	210.2
Total	136.3	254.5	545.8	539.8	441.8	112.3	85.8	2,116.3

(a) From August 1996, occupation data are classified to the Australian Standard Classification of Occupations, Second Edition. See the Explanatory notes for details.

**TABLE 12. EMPLOYED PERSONS BY INDUSTRY AND OCCUPATION(a) BY MARITAL STATUS,
VICTORIA, FEBRUARY 1998**
(^{'000})

Classification	Males			Females			Persons		
	Married	Other	Total	Married	Other	Total	Married	Other	Total
INDUSTRY									
Agriculture, forestry and fishing	45.0	23.0	68.0	28.4	7.0	35.4	73.4	30.0	103.4
Mining	*2.5	*0.6	*3.1	*0.0	*0.3	*0.3	*2.5	*0.9	*3.4
Manufacturing	160.1	87.3	247.5	63.3	31.9	95.2	223.4	119.2	342.6
Electricity, gas and water supply	7.8	*3.8	11.6	*1.7	*0.9	*2.6	9.5	4.7	14.2
Construction	79.9	41.7	121.6	13.1	*3.3	16.5	93.0	45.0	138.1
Wholesale trade	63.3	28.8	92.1	25.4	14.1	39.5	88.7	42.9	131.6
Retail trade	73.8	85.9	159.7	72.3	88.2	160.5	146.1	174.2	320.2
Accommodation, cafes and restaurants	11.0	20.8	31.9	20.3	26.0	46.3	31.3	46.8	78.1
Transport and storage	57.6	25.3	82.9	10.8	9.0	19.8	68.4	34.3	102.8
Communication services	14.8	7.3	22.1	7.2	7.0	14.2	22.0	14.2	36.3
Finance and insurance	27.6	14.7	42.3	26.2	14.3	40.5	53.9	29.0	82.8
Property and business services	85.4	44.7	130.1	60.7	44.6	105.3	146.1	89.3	235.4
Government administration and defence	26.1	11.3	37.4	23.1	11.0	34.1	49.2	22.4	71.5
Education	37.9	11.2	49.1	66.4	19.4	85.9	104.3	30.7	135.0
Health and community services	25.1	11.3	36.4	100.1	58.1	158.2	125.3	69.3	194.6
Cultural and recreational services	12.5	15.7	28.2	8.4	13.3	21.8	20.9	29.1	50.0
Personal and other services	25.6	12.8	38.3	20.5	17.4	37.9	46.1	30.1	76.2
Total	756.2	446.2	1,202.5	548.0	365.8	913.8	1,304.3	812.0	2,116.3
OCCUPATION									
Managers and administrators	111.5	22.2	133.7	37.5	8.7	46.2	149.0	30.9	179.9
Professionals	147.5	53.9	201.3	126.3	62.2	188.5	273.7	116.1	389.9
Associate professionals	90.5	41.6	132.1	48.1	27.3	75.4	138.6	68.9	207.5
Tradespersons and related workers	158.9	98.0	256.9	17.1	12.6	29.7	176.0	110.7	286.7
Advanced clerical and service workers	7.0	5.5	12.5	58.8	26.0	84.8	65.8	31.6	97.4
Intermediate clerical, sales and service workers	53.4	48.9	102.3	135.1	97.5	232.6	188.5	146.4	334.9
Intermediate production and transport workers	100.0	60.3	160.4	22.7	10.9	33.6	122.7	71.3	194.0
Elementary clerical, sales and service workers	28.3	45.2	73.6	55.6	86.8	142.4	84.0	132.0	216.0
Labourers and related workers	59.2	70.5	129.6	46.8	33.8	80.6	106.0	104.2	210.2
Total	756.2	446.2	1,202.5	548.0	365.8	913.8	1,304.3	812.0	2,116.3

(a) From August 1996, occupation data are classified to the Australian Standard Classification of Occupations, Second Edition. See the Explanatory notes for details.

**TABLE 13. EMPLOYED PERSONS: AVERAGE WEEKLY HOURS WORKED(a) BY INDUSTRY AND
OCCUPATION(b), VICTORIA, FEBRUARY 1998**
(hours)

Classification	Males			Females			Persons		
	Married	Other	Total	Married	Other	Total	Married	Other	Total
INDUSTRY									
Agriculture, forestry and fishing	57.6	43.4	52.8	30.1	28.8	29.9	47.0	40.0	45.0
Mining	54.4	*46.3	52.9	*0.0	*48.0	*48.0	54.4	*46.9	52.4
Manufacturing	42.3	40.4	41.6	34.0	34.5	34.2	39.9	38.8	39.5
Electricity, gas and water supply	41.4	36.5	39.8	*23.2	*38.7	28.4	38.2	36.9	37.8
Construction	43.6	40.9	42.7	18.5	32.0	21.2	40.0	40.2	40.1
Wholesale trade	43.5	40.9	42.7	30.2	35.2	32.0	39.7	39.0	39.5
Retail trade	45.5	31.7	38.1	29.6	22.7	25.8	37.6	27.1	31.9
Accommodation, cafes and restaurants	47.7	30.5	36.5	28.2	28.6	28.4	35.1	29.4	31.7
Transport and storage	44.8	42.8	44.2	29.2	40.2	34.2	42.4	42.1	42.3
Communication services	40.3	31.5	37.4	26.4	33.5	29.9	35.7	32.5	34.5
Finance and insurance	42.7	38.8	41.3	29.6	38.4	32.7	36.3	38.6	37.1
Property and business services	44.8	39.8	43.1	30.4	33.4	31.7	38.8	36.6	38.0
Government administration and defence	38.0	39.3	38.4	29.3	35.1	31.2	33.9	37.3	35.0
Education	43.6	37.2	42.1	31.7	35.9	32.6	36.0	36.4	36.1
Health and community services	40.6	33.5	38.4	26.4	32.3	28.6	29.3	32.5	30.4
Cultural and recreational services	45.2	30.6	37.1	27.2	30.4	29.2	37.9	30.5	33.6
Personal and other services	40.9	37.1	39.6	27.3	28.6	27.9	34.8	32.2	33.8
Total	44.2	37.6	41.7	29.4	30.6	29.9	38.0	34.5	36.6
OCCUPATION									
Managers and administrators	52.3	49.0	51.8	36.3	50.7	39.0	48.3	49.5	48.5
Professionals	44.7	41.5	43.9	32.0	36.7	33.5	38.9	38.9	38.9
Associate professionals	48.2	42.1	46.3	38.6	39.0	38.7	44.9	40.9	43.6
Tradespersons and related workers	40.9	40.7	40.8	29.9	39.9	34.2	39.8	40.6	40.2
Advanced clerical and service workers	37.0	37.8	37.4	23.9	33.7	26.9	25.3	34.4	28.3
Intermediate clerical, sales and service workers	39.0	36.0	37.6	26.6	31.4	28.6	30.1	32.9	31.4
Intermediate production and transport workers	44.1	39.3	42.3	33.8	31.4	33.0	42.2	38.1	40.7
Elementary clerical, sales and service workers	37.6	24.9	29.8	24.2	20.8	22.1	28.7	22.2	24.7
Labourers and related workers	38.7	31.9	35.0	26.1	24.3	25.4	33.2	29.5	31.3
Total	44.2	37.6	41.7	29.4	30.6	29.9	38.0	34.5	36.6

(a) Persons with jobs who did not work during the survey week have been included in the calculation of average weekly hours worked. The relative standard errors of these estimates are obtained by first finding the relative standard error of the estimate of the total number of persons in the estimate and then multiplying by a factor of 0.7. For further information refer to the technical notes in Labour Force, Australia (6203.0). (b) From August 1996, occupation data are classified to the Australian Standard Classification of Occupations, Second Edition. See the Explanatory notes for details.

TABLE 14. EMPLOYED PERSONS: STATUS IN EMPLOYMENT AND AVERAGE WEEKLY HOURS WORKED, VICTORIA, FEBRUARY 1998

Status in employment	Males			Females			Persons		
	Married	Other	Total	Married	Other	Total	Married	Other	Total
	'000								
Employers	38.6	6.8	45.4	20.6	*3.3	23.8	59.2	10.1	69.3
Own account workers	98.2	37.3	135.5	49.8	13.9	63.7	148.0	51.2	199.2
Employees	618.2	400.3	1,018.5	472.6	343.0	815.6	1,090.8	743.2	1,834.1
Contributing family workers	*1.2	*1.8	*3.0	5.1	5.7	10.7	6.3	7.5	13.8
Total	756.2	446.2	1,202.5	548.0	365.8	913.8	1,304.3	812.0	2,116.3
AVERAGE WEEKLY HOURS WORKED (a)									
Employers	55.8	58.5	56.2	34.6	48.9	36.5	48.4	55.4	49.4
Own account workers	45.9	45.0	45.6	30.8	29.4	30.5	40.8	40.7	40.8
Employees	43.2	36.7	40.7	29.3	30.7	29.9	37.2	33.9	35.9
Contributing family workers	*21.2	*15.9	18.1	7.8	14.2	11.2	10.4	14.6	12.7
Total	44.2	37.6	41.7	29.4	30.6	29.9	38.0	34.5	36.6

(a) The relative standard errors of these estimates are obtained by first finding the relative standard error of the estimate of the total number of persons in the estimate and then multiplying by a factor of 0.7. For further information refer to the technical notes in Labour Force, Australia (6203.0).

TABLE 15. UNEMPLOYED PERSONS: INDUSTRY AND OCCUPATION(a) OF LAST JOB(b), VICTORIA, FEBRUARY 1998

Particulars	Number ('000)			Unemployment rate (%)		
	Males	Females	Persons	Males	Females	Persons
Industry						
Agriculture, forestry and fishing	*1.6	*1.4	*3.0	*2.3	*3.8	*2.8
Mining	*0.6	*0.0	*0.6	*15.4	*0.0	*14.2
Manufacturing	15.7	7.6	23.3	6.0	7.4	6.4
Electricity, gas and water supply	*1.6	*0.0	*1.6	*11.9	*0.0	*9.9
Construction	6.2	*0.0	6.2	4.9	*0.0	4.3
Wholesale trade	*2.6	*0.9	*3.6	*2.8	*2.3	*2.6
Retail trade	8.5	8.1	16.6	5.0	4.8	4.9
Accommodation, cafes and restaurants	*2.1	*4.0	6.0	*6.1	*7.9	7.2
Transport and storage	*2.3	*1.9	*4.2	*2.7	*8.8	*3.9
Communication services	*1.4	*0.3	*1.7	*5.9	*1.9	*4.4
Finance and insurance	*0.9	*0.8	*1.7	*2.0	*2.0	*2.0
Property and business services	*4.5	*3.1	7.6	*3.4	*2.8	3.1
Government administration and defence	5.1	*1.6	6.7	12.0	*4.6	8.6
Education	*0.9	*2.0	*2.9	*1.8	*2.2	*2.1
Health and community services	*0.9	*4.0	4.9	*2.3	*2.5	2.4
Cultural and recreational services	*0.9	*0.5	*1.4	*3.0	*2.4	*2.7
Personal and other services	*1.1	*1.4	*2.5	*2.7	*3.6	*3.1
Total (b)	56.7	37.7	94.4	4.5	4.0	4.3
Occupation						
Managers and administrators	*1.8	*0.6	*2.4	*1.3	*1.3	*1.3
Professionals	5.3	*2.8	8.1	2.5	*1.5	2.0
Associate professionals	*2.9	*2.3	5.2	*2.2	*2.9	2.4
Tradespersons and related workers	12.3	*1.6	13.9	4.6	*5.0	4.6
Advanced clerical and service workers	*0.6	*1.7	*2.3	*4.5	*1.9	*2.3
Intermediate clerical, sales and service workers	4.6	12.1	16.7	4.3	4.9	4.8
Intermediate production and transport workers	13.7	*4.5	18.2	7.9	*11.8	8.6
Elementary clerical, sales and service workers	*3.8	6.5	10.3	*4.9	4.4	4.6
Labourers and related workers	11.7	5.7	17.4	8.3	6.6	7.7
Total (b)	56.7	37.7	94.4	4.5	4.0	4.3
Not employed (b) in the past two years	54.6	50.4	105.0	..	..	..
Looking for first job	21.8	24.9	46.7	..	..	..
Other	32.8	25.5	58.3	..	..	..
Stood down	5.5	*2.6	8.1	..	..	..
Total	116.7	90.8	207.5	8.8	9.0	8.9

(a) From August 1996, occupation data are classified to the Australian Standard Classification of Occupations, Second Edition. See the Explanatory notes for details. (b) Full-time job for two weeks or more within the last two years.

**TABLE 16. UNEMPLOYED PERSONS BY DURATION OF UNEMPLOYMENT(a),
VICTORIA, FEBRUARY 1998**

Particulars	Number ('000)			Percentage distribution		
	Males	Females	Persons	Males	Females	Persons
Duration of unemployment (weeks) -						
Under 2	8.9	7.9	16.7	7.6	8.7	8.1
2 and under 4	8.8	7.0	15.8	7.6	7.7	7.6
4 and under 8	17.1	15.1	32.3	14.7	16.7	15.5
8 and under 13	11.6	11.9	23.5	9.9	13.1	11.3
13 and under 26	15.0	10.3	25.3	12.9	11.3	12.2
26 and under 52	15.7	12.2	27.9	13.4	13.5	13.4
52 and under 104	16.4	13.1	29.5	14.1	14.4	14.2
104 and over	23.1	13.3	36.5	19.8	14.7	17.6
Age (years) -						
15 - 19						
Under 13 weeks	14.8	10.2	25.0	12.6	11.3	12.0
13 weeks and under 52	5.4	7.2	12.6	4.6	8.0	6.1
52 weeks and over	*3.2	*3.7	6.8	*2.7	*4.0	3.3
Total aged 15 - 19	23.3	21.1	44.4	20.0	23.3	21.4
20 - 24						
Under 13 weeks	11.0	8.4	19.3	9.4	9.2	9.3
13 weeks and under 52	6.0	*4.1	10.1	5.2	*4.5	4.9
52 weeks and over	4.8	4.8	9.6	4.1	5.3	4.6
Total aged 20 - 24	21.8	17.3	39.1	18.7	19.0	18.8
25 and over						
Under 13 weeks	20.7	23.3	44.0	17.8	25.6	21.2
13 weeks and under 52	19.3	11.2	30.5	16.5	12.3	14.7
52 weeks and over	31.6	17.9	49.5	27.1	19.7	23.9
Total aged 25 and over	71.6	52.4	124.0	61.4	57.7	59.8
Total all ages	116.7	90.8	207.5	100.0	100.0	100.0
DURATION OF UNEMPLOYMENT (WEEKS)						
Average (mean) duration-						
Aged 15 - 19	19.3	27.0	23.0	..	..	..
Aged 20 - 24	34.9	33.5	34.3	..	..	..
Aged 25 and over	74.4	54.7	66.1	..	..	..
All ages	56.0	44.2	50.9	..	..	..
Median duration (b)-						
Aged 15 - 19	6.0	13.0	10.0	..	..	..
Aged 20 - 24	12.0	13.0	13.0	..	..	..
Aged 25 and over	34.0	17.0	27.0	..	..	..
All ages	20.0	13.0	17.0	..	..	..

(a) Period from the time a person began looking for work, or was laid off to the end of the reference week. Periods of unemployment are recorded in complete weeks resulting in a slight understatement of duration of unemployment. (b) For information regarding the calculation of standard errors, refer to the technical notes in Labour Force, Australia (6203.0).

EXPLANATORY NOTES

INTRODUCTION

This publication contains estimates of the civilian labour force derived from the Labour Force Survey component of the Monthly Population Survey. Estimates of the labour force characteristics of family members are also included.

POPULATION SURVEY

2 The population survey is based on a multi-stage area sample of private dwellings (currently about 30,000 houses, flats, etc.) and a list sample of non-private dwellings (hotels, motels, etc.), and covers about 0.5% of the population of Australia. The information is obtained from the occupants of selected dwellings by specially trained interviewers. The interviews are generally conducted during the two weeks beginning on the Monday between the 6th and 12th of each month. The information obtained relates to the week before the interview (i.e. the reference week). The ABS has introduced the use of telephone interviewing into the Labour Force Survey. Households selected for the Labour Force Survey are interviewed each month for 8 months, with one eighth of the sample being replaced each month. The first interview will continue to be conducted face-to-face. Subsequent interviews will then be conducted by telephone (if acceptable to the respondent). Telephone interviewing was phased in for each new sample group from August 1996 to February 1997.

SCOPE

3 The Labour Force Survey includes all persons aged 15 and over except:

- members of the permanent defence forces;
- certain diplomatic personnel of overseas governments, customarily excluded from census and estimated populations;
- overseas residents in Australia; and
- members of non-Australian defence forces (and their dependants) stationed in Australia.

COVERAGE

4 In the Labour Force Survey, coverage rules are applied which aim to ensure that each person is associated with only one dwelling, and hence has only one chance of selection. The chance of a person being enumerated at two separate dwellings in the one survey is considered to be negligible. See paragraph 45 for information about the effect of the coverage rules on family statistics.

5 Persons who are away from their usual residence for six weeks or less at the time of interview are enumerated at their usual residence (relevant information may be obtained from other usual residents present at the time of the survey).

POPULATION BENCHMARKS

6 Labour Force Survey estimates of persons employed, unemployed and not in the labour force are calculated in such a way as to add up to the independently estimated distribution of the usually resident population aged 15 and over by age and sex. This procedure compensates for under-enumeration in the survey, and leads to more reliable estimates. Persons who, at the time of interview, are overseas for more than six weeks but for less than 12 months are included in the independent population statistics (benchmarks) and are thus provided for in the calculation of the estimates. The benchmarks are the latest available estimates at the time the Labour Force Survey is conducted, but they usually differ from the official population estimates subsequently published in *Australian Demographic Statistics* (Cat. no. 3101.0) because they are derived from incomplete information about population changes.

REVISION OF POPULATION BENCHMARKS

7 Survey estimates are not revised for the usually small amendments of population benchmarks arising from new data on deaths and overseas and internal migration. Revisions are made, however, after each Census of Population and Housing, and when population estimation bases are reviewed. These revisions affect original, seasonally adjusted and trend estimates. The last such revision was made in February 1994 to take account of the results of the 1991 Census of Population and Housing, which affected the monthly estimates from January 1989 to January 1994.

8 Population benchmarks used in the estimation of Labour Force Survey data are compiled according to place of usual residence. For an explanation of the conceptual basis of population estimates, see *Information Paper: Population Estimates: An Outline of The New Conceptual Basis of ABS Population Estimates* (Cat. no. 3216.0). Prior to October 1982, labour force estimates were based on a combination of place of enumeration and place of usual residence.

HISTORY OF THE SURVEY

9 National surveys were conducted in February, May, August and November each year from 1964 to February 1978. The survey has been conducted on a monthly basis since February 1978.

QUESTIONNAIRE CHANGES

10 The questionnaire used in the survey for the collection of labour force data has been revised from time to time, the latest occasion being for the April 1986 survey. Details of these changes have been published in *Information Paper: Questionnaires Used in the Labour Force Survey* (Cat. no. 6232.0) in March 1978, December 1981, August 1984, June 1986, June 1991 and March 1993.

INCLUSION OF CONTRIBUTING FAMILY WORKERS

11 In April 1986, the questionnaire was revised following the extension of the definition of employed persons to include persons who worked without pay between 1 and 14 hours per week in a family business or on a farm (i.e. contributing family workers previously unpaid family helpers). This definition aligned the Australian labour force concepts with the set of definitions adopted by the 13th International Conference of Labour Statisticians in October 1982.

12 Previously, contributing family workers who worked 1 to 14 hours, or who had such a job but were not at work, were defined as either unemployed or not in the labour force, depending on whether they were actively looking for work.

13 A revised procedure for weighting families estimates, was also introduced in April 1986.

COMPARABILITY OF SERIES

14 As noted in paragraph 7, estimates from January 1989 were revised to conform to revised population estimates following the 1991 Census of Population and Housing, and are thus not strictly comparable with estimates for periods prior to January 1989. An examination of the revised estimates showed that the effects on Labour Force Survey estimates for the period before January 1989 were inconsequential, and that no meaningful purpose would be served by publishing revised estimates for that period.

15 Comparability with estimates produced from the quarterly Wage and Salary Earners Survey is affected by the use of a different survey methodology and definitions. The Labour Force Survey provides estimates of people in jobs whereas the Wage and Salary Earners Survey provides an estimate of the number of jobs held by wage and salary earners. A more detailed description of the differences between these two series is available on request.

SURVEY SAMPLE REDESIGN

16 Following each Population Census, the ABS reselecs the Labour Force Survey sample to take into account the new information which is obtained from the Census. The sample that was used in the Labour Force Survey from September 1992 to August 1997 is being gradually replaced by a new sample selected using information collected in the 1996 Census. The new sample is being phased in over the period September 1997 to April 1998. For additional information, see *Information Paper: Labour Force Survey Sample Design, 1997* (Cat. no. 6269.0).

17 The sampling fractions for each State/Territory differ in order to yield reliable estimates of the main labour force aggregates for each State and Territory. The sampling fraction for Victoria has changed from 1 in 242 to 1 in 257.

VICTORIAN REGIONS

18 In addition to the introduction of the new sampling fraction, the labour force dissemination regions were reviewed in order to maintain consistency with the Australian Standard Geographical Classification (ASGC), 1996.

19 The changes are as follows:

- Outer Western Melbourne SR now includes part of Melbourne (C) - Remainder, but excludes part of Keilor (C).
- North Western Melbourne SR has been enlarged to include part of Keilor (C), but reduced to exclude part of Coburg (C).
- Inner Melbourne SR has been expanded to include part of Northcote (C), but reduced to exclude part of Melbourne (C) - Remainder.
- North Eastern Melbourne SR now includes part of Coburg (C), but excludes part of Northcote (C).
- Inner Eastern Melbourne SR has been expanded to include Nunawading (C), a small part of Lillydale (S), and the majority of Oakleigh (C).
- Southern Melbourne SR now includes Chelsea (C) and part of Springvale (C), but excludes the majority of Oakleigh (C).
- Outer Eastern Melbourne SR has been reduced by Nunawading (C) and parts of Lillydale (S) and Sherbrooke (S).
- South Eastern Melbourne SR now includes part of Sherbrooke (S), but excludes parts of Springvale (C) and Cranbourne (C).
- Mornington Peninsula SR has been enlarged by the inclusion of part of Cranbourne (C) but reduced by the exclusion of Chelsea (C).
- Barwon-Western District SR has been expanded to include Grenville (S) - Pt B and parts of Grenville (S) - Pt A and Buninyong (S) - Pt B.
- Central Highlands-Wimmera SR has been reduced to exclude Grenville (S) - Pt B, most of Donald (S), parts of Grenville (S) - Pt A and Buninyong (S) - Pt B, and part of Talbot and Clunes (S). The region now includes Karkarooc (S) and part of Kyneton (S).
- Loddon-Campaspe-Mallee SR has been renamed Loddon-Mallee SR. Newly included in the region is most of Donald (S) and part of Talbot and Clunes (S); excluded are Karkarooc (S), Echuca (C), Rochester (S), Pyalong (S), part of Kyneton (S), and part of McIvor (S).

- Goulburn-Ovens-Murray SR has been enlarged by the inclusion of Echuca (C), Rochester (S), Pyalong (S) and part of Melvor (S).

20 Detailed maps of the new Labour Force Dissemination Regions are presented at the end of this publication. More information on the changes to regional boundaries is available in the *Information Paper: Regional Labour Force Statistics, September 1997* (Cat. no. 6262.0). Details of the changes to LGA boundaries in Victoria are available in *Statistical Geography, Victoria* (Cat. no. 1103.2).

POTENTIAL EFFECTS ON LABOUR FORCE SURVEY ESTIMATES

21 For information on the new sample implementation and its effects, see *Information Paper: Labour Force Survey Sample Design, 1977* (Cat. no. 6269.0).

RELIABILITY OF THE ESTIMATES

22 Estimates in this publication are subject to two sources of error:

- **sampling error:** since the estimates are based on information obtained from occupants of a sample of dwellings they, and the movements derived from them, may differ from the figures that would have been produced if all dwellings had been included in the survey. One measure of the likely difference is given by the standard error of an estimate (see paragraphs 24 to 27); and
- **non-sampling error:** inaccuracies may occur because of imperfections in reporting by respondents and interviewers and errors made in coding and processing data. These inaccuracies may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

23 As the above problems are compounded when the statistics are disaggregated to regional data, users are particularly advised to treat month-to-month movements for regional data with caution. (See the following paragraphs for more detail on determining the reliability of month-to-month movements.)

STANDARD ERROR TABLES

24 To assist you in determining the reliability of the various estimates contained in this publication, tables of standard errors of level estimates and month-to-month movements are included.

25 Use the table of standard errors of level estimates to determine the accuracy of most estimates contained in this publication. Use the tables of month-to-month movements to determine the accuracy of estimates when comparing one month's figures with another. This is particularly important with month-to-month movements in determining *whether or not the estimates indicate that a significant change has occurred*.

26 To use the tables, locate the figure in the *Size of estimate* column which is nearest in value to the estimate you wish to use. If you are comparing movements use the larger estimate. Read across the table until you find the column for the geographic area covered by the estimate concerned. This figure is one standard error.

27 There are approximately two chances in three that the true value which the estimate is attempting to measure is within plus or minus one standard error of the estimate. There are approximately nineteen chances in twenty that the true value is within plus or minus twice this amount.

28 A similar technique is used for month-to-month movements of estimates. After finding the standard error of the larger of the two estimates from the table of month-to-month movements of estimates (as in paragraph 26) compare the movement to one standard error; if the movement is larger then this indicates a likelihood that a change has occurred. If the movement is larger than two standard errors then this is a fairly reliable indicator of the change.

29 If comparing quarterly movements multiply the standard error by a factor of 1.1 before comparing it to the movement. If comparing annual movements multiply by a factor of 1.3 before making the comparison.

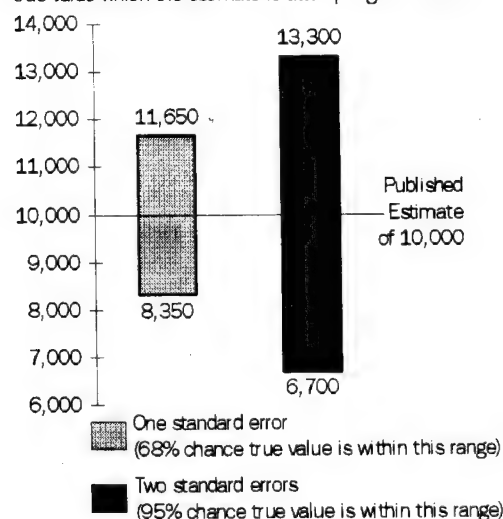
30 Another useful measure of reliability is relative standard error (RSE). The relative standard error of an estimate is the amount by which an estimate is likely to vary (one standard error) as a percentage of its size.

31 To calculate the relative standard error of an estimate, divide one standard error of the estimate by the estimate and multiply by 100.

32 Estimates with a relative standard error of 10% or less can be regarded as statistically reliable enough for most uses. Estimates with a relative standard error of 25% or more should not be regarded as reliable and care should be exercised when using them. All such estimates in this publication have been marked with an asterisk (*).

33 For this survey this warning applies to estimates of 4,600 or less for Victoria. Different geographic areas have different points at which the 25% relative standard error cut off takes effect. These are listed in Table A.

One standard error on a published estimate for Victoria is 1,650. The diagram shows the probable location of the true value which the estimate is attempting to measure.



DIFFERENCES BETWEEN CENSUS AND LABOUR FORCE SURVEY ESTIMATES

34 The results of the 1991 Census of Population and Housing show that labour force estimates derived from the Census differ from those derived from the Labour Force Survey.

35 The broad concepts underlying the measures of the labour force and its components, employment and unemployment, are similar in the census and the survey. It should be noted, however, that census estimates of unemployment do not take into account the 'available for work' criterion.

36 There are considerable differences in both the collection methodology adopted (including the detailed questions asked) and estimation procedures. Factors contributing to differences in estimates include under-enumeration in the Population Census for which census labour force estimates have not been adjusted, the use in the Labour Force Survey of population benchmarks derived from incomplete information about population change (see paragraph 6), the inclusion of permanent defence forces in census estimates, the personal interview approach adopted in the survey as opposed to self-enumeration of census schedules, differing questions used to determine labour force characteristics (particularly the identification of unemployed persons) and differing methods of adjustment for non-response to the survey or census.

37 The Labour Force Survey provides detailed and up-to-date estimates of employment and unemployment for Australia, States and regions, whereas the Census of Population and Housing provides counts for small areas but in less detail than is available from the survey.

38 These considerations should be borne in mind when comparisons are made between Population Census and Labour Force Survey estimates.

SEASONAL ADJUSTMENT

39 Seasonally adjusted series are published in Table 2. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series can be recognised more clearly. Seasonal adjustment does not remove the irregular or non-seasonal influences which may be present in any particular month. This means that month-to-month movements of the seasonally adjusted estimates may not be reliable indicators of trend behaviour. For example, irregular factors unrelated to the trend account for more than half the seasonally adjusted movement with the following frequency:

Employment: 5 in 10 monthly movements
Unemployment: 7 in 10 monthly movements
Unemployment rate: 7 in 10 monthly movements
Participation rate: 9 in 10 monthly movements

40 The seasonal factors for all seasonally adjusted series are reviewed annually to take account of each additional year's original data. The latest review, in February 1998, revised the Australian and State seasonally adjusted and trend monthly series back to February 1978. Information about the method of adjustment was published in the feature article of the February 1998 issue of *Labour Force, Australia* (Cat. no. 6203.0). Revised seasonally adjusted and trend estimates for all months for Australia and the States are available on request.

TREND ESTIMATION

41 Smoothing seasonally adjusted series produces a measure of trend by reducing the impact of the irregular component of the series. The monthly trend estimates are derived by applying a 13-term Henderson weighted moving average to all months except the last six. The last six monthly trend estimates are obtained by applying surrogates of the Henderson average to the seasonally adjusted series. These trend series are used to analyse the underlying behaviour of the series over time. Table 3 shows trend estimates

for the past 15 months. Trend series graphs are shown on page 1. Data from February 1978 are available on the ABS on-line data dissemination service, PC-AUSSTATS.

42 While this smoothing technique enables estimates to be produced which include the latest month, it does result in revisions to the most recent months as additional observations become available. Generally, subsequent revisions become smaller, and after three months have a negligible impact on the series. There will also be revisions as a result of the annual review of seasonal factors mentioned above in paragraph 40.

43 Users may wish to refer to the ABS publication *A Guide to Interpreting Time Series—Monitoring 'Trends', an Overview* (Cat. no. 1348.0) for further information about trend estimates.

LABOUR FORCE STATUS AND OTHER CHARACTERISTICS OF FAMILIES

44 As a part of survey procedures, family relationships are determined each month, enabling both the estimation of persons cross-classified by their relationship in the household and the estimation of families. In this publication, Table 5 shows the labour force status and relationship in the household of individuals. The new classification *Family type* and information on families rather than the household relationship of individuals is contained in *Labour Force, Australia* (Cat. no. 6203.0).

45 Because of the coverage rules, persons who usually live with other members of their family may, at the time of the survey, be enumerated as not living with all the usual members of their family. This situation is more likely for persons who are enumerated as visitors to other private dwellings or as persons staying in non-private dwellings (hotels, hospitals, etc.). The determination of family structure and family characteristics in such cases is difficult. Thus for survey questions used to determine family relationships, scope was further restricted to usual residents of private dwellings and the following persons were excluded:

- all persons enumerated in non-private dwellings (including hotels, motels, hospitals and other institutions); and
- persons enumerated as visitors to (rather than usual residents of) private dwellings.

46 In addition, in those households where it was not possible to obtain information relating to all the usual residents, no family information was recorded. Thus persons living in households which include a member of the permanent defence forces, who is outside the scope of the population survey, are excluded from survey questions used to determine family relationships because family information could not be obtained from each usual resident. Similarly households which, at the time of the survey, have one or more of their usual residents away for more than six weeks, are excluded from the family survey. This also applies to households from which an incomplete or inadequate questionnaire was obtained for any usual resident in on scope and coverage. Generally, relationship in household is determined for more than 90% of all civilians aged 15 and over.

CHANGES IN FAMILIES CLASSIFICATIONS

47 The *Relationship in household* classification was introduced in the May 1994 issue of this publication to align with recently established ABS standards. Most categories in this classification remain comparable with categories in the previous classification. The cases in which there are breaks in comparability are as follows:

48 Relationship in household. This classification was previously referred to as *Family status*.

- *Lone parents* (previously referred to as *Sole parents*) now includes parents with non-dependent children (provided those children are without a spouse or children of their own). These *Lone parents without dependants* are shown separately in Table 5.
- *Dependent students* (previously *Full-time students aged 15-24*) now comprise sons or daughters (of a couple or a lone parent) aged 15 to 19 attending school or aged 15 to 24 attending a tertiary educational institution full-time. Other related full-time students, who were also previously classified as *Full-time students aged 15-24* are now included in *Other family persons*.
- *Other family persons* now comprises the previous groups *Other family head*, excluding those now counted as *Lone parents*, the other related full-time students previously classified as *Full-time students aged 15-24* (see above) and *Other relative of married couple or family head*.

BIRTHPLACE

49 From April 1991, labour force birthplace data are aggregated according to major groups of the *Australian Standard Classification of Countries for Social Statistics (ASCCSS)* (Cat. no. 1269.0). The ASCCSS was developed by the ABS for use whenever demographic, labour and social statistics are classified by countries.

50 The ASCCSS major groups are based on the concept of geographic proximity. They differ from the country groups presented in this publication prior to April 1991. For example, African countries are now covered by 'The Middle East and North Africa' and 'Africa (excluding North Africa)', while Asia has been split into 'Southeast Asia', 'Northeast Asia' and 'Southern Asia'. Data for selected individual countries will continue to be available in this publication and comprehensively on microfiche.

INDUSTRY

51 From August 1994, Labour Force Survey industry data are classified according to the Australian and New Zealand Standard Industrial Classification (ANZSIC), a detailed description of which appears in *ANZSIC 1993* (Cat. no. 1292.0). Like the previous Australian Standard Industrial Classification (ASIC), ANZSIC classifies businesses according to their economic activities, in a structure consisting of 4 levels (Division, Sub-division, Group and Class). Labour Force Survey data are coded at the Group level, as was the practice under ASIC. To enable the conversion of historical data from ASIC to ANZSIC for the period November 1984 to May 1994, a concordance was published in the August 1994 issue of *Labour Force, Australia* (Cat. no. 6203.0) and in the Information Paper: *Labour Force Survey: Introduction of ANZSIC for Industry data (Replacement publication)* (Cat. no. 6259.0). It has been found that the concordance, which was based on preliminary investigations, did not provide the most appropriate conversion for certain Group level industries. An improved concordance has now been applied to historical Labour Force Survey estimates. This concordance was published in the Appendix to the May 1996 issue of *Labour Force, Australia* (Cat. no. 6203.0) and in a further issue of the above Information Paper.

STATUS IN EMPLOYMENT

52 From August 1994, the Labour Force Survey has adopted the International Classification of *Status in employment* (ICSE-93) in place of the previous term *Status of worker*. No definitional changes have been made, the only changes are to the classification titles which are as follows: Employer remains Employer, Wage and salary earner becomes Employee, Self-employed becomes Own account worker and Unpaid family helper becomes Contributing family worker.

OCCUPATION

53 From August 1996, Labour Force Survey occupation data are classified according to the Australian Standard Classification of Occupations (ASCO) Second Edition, a detailed description of which appears in *ASCO – Australian Standard Classification of Occupations, Second Edition* (Cat. no. 1220.0). The new version of the classification replaces ASCO First Edition, which was adopted in the survey in August 1986. Like the previous ASCO First Edition, ASCO Second Edition is a skill-based classification of occupations. However, the structure of ASCO Second Edition comprises 5 hierarchical levels (Major Group, Sub-Major Group, Minor Group, Unit Group and Occupation) compared with 4 levels in ASCO First Edition (Major Group, Minor Group, Unit Group and Occupation). Labour Force Survey data are coded to the Unit Group level, as was the practice under ASCO First Edition.

RELATED PUBLICATIONS

54 Users may also wish to refer to the following publications which relate to the labour force and are available on request:

Labour Statistics, Australia (Cat. no. 6101.0) (annual)

A Guide to Labour Statistics, Australia (Cat. no. 6102.0) (irregular)

Labour Force, New South Wales (Cat. no. 6201.1) (quarterly)

Labour Force, Queensland (Cat. no. 6201.3) (quarterly)

Labour Force, Australia, Preliminary (Cat. no. 6202.0) (monthly)

Labour Force, Australia (Cat. no. 6203.0) (monthly)

Labour Force, Australia, 1978–1995 (Cat. no. 6204.0) (irregular)

Labour Force Projections, Australia (Cat. no. 6260.0) (irregular)

Australian Labour Market (Cat. no. 6284.0) (annual)

Information Papers

Questionnaires Used in the Labour Force Survey (Cat. no. 6232.0) (irregular)

Regional Labour Force Statistics (Cat. no. 6262.0) (irregular)

Labour Force Survey Sample Design (Cat. no. 6269.0) (irregular)

Labour Force Survey - Measuring Teenage Unemployment (Cat. no. 6270.0) (irregular)

Measuring Employment and Unemployment (Cat. no. 6279.0) (irregular)

55 Current publications produced by the ABS are listed in the *Catalogue of Publications and Products, Australia* (Cat. no. 1101.0). The ABS also issues, on Tuesdays and Fridays, a *Release Advice* (Cat. no. 1105.0) which lists publications to be released in the next few days. The Catalogue and Release Advice are available from any ABS office.

UNPUBLISHED STATISTICS

56 The ABS can also make available information which is not published. This information is available on a number of media such as floppy disk, microfiche and customised reports. In general, a charge is made for providing unpublished information. Inquiries should be made to any ABS office.

ROUNDING

57 Estimates have been rounded and discrepancies may occur between sums of the component items and totals.

SYMBOLS AND OTHER USAGES

.. not applicable

* subject to sampling variability too high for most practical uses. See paragraphs 32 and 33.

IAN CRETENDEN

REGIONAL DIRECTOR, VICTORIA

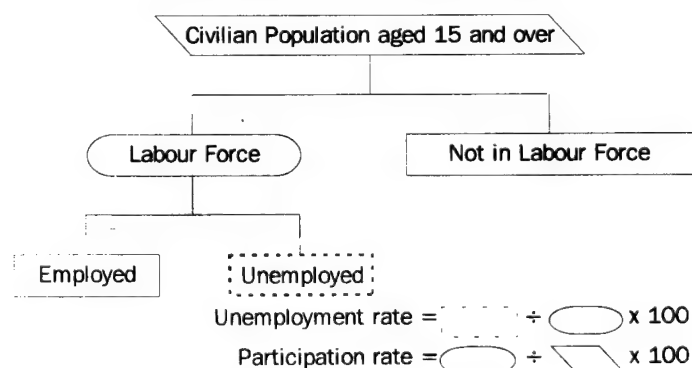
GLOSSARY

Dependants	All family members under 15 years of age; all sons or daughters aged 15 to 19 attending school or aged 15 to 24 attending a tertiary educational institution full-time (except those classified as husbands, wives or lone parents).
Dependent student	In couple or one-parent families, sons or daughters aged 15 to 19 attending school or aged 15 to 24 attending a tertiary educational institution full-time (except those classified as husbands, wives or lone parents).
Employed	Persons aged 15 years and over who, during the reference week: <ul style="list-style-type: none"> ■ worked for one hour or more for pay, profit, commission, or payment in kind in a job or business, or on a farm (comprising employees, employers, and own account workers); or ■ worked for one hour or more without pay in a family business or on a farm (i.e. contributing family worker); or ■ were employees who had a job but were not at work and were: on paid leave; on leave without pay for less than four weeks up to the end of the reference week; stood down without pay because of bad weather or plant breakdown at their place of employment for less than four weeks up to the end of the reference week; on strike or locked out; on workers' compensation and expected to be returning to their job; or receiving wages or salary while undertaking full-time study; or ■ were employers, own account workers or contributing family workers who had a job, business, or farm, but were not at work.
Full-time workers	Employed persons who usually worked 35 hours or more a week (in all jobs) and others who, although usually working less than 35 hours a week, worked 35 hours or more during the reference week.
Hours worked	The figures of aggregate hours and average hours refer to actual hours worked during the reference week, not hours paid for.
Household	A group of one or more persons in a private dwelling who consider themselves to be separate from other persons (if any) in the dwelling, and who make regular provision to take meals separately from other persons, i.e. at different times or in different rooms. Lodgers who receive accommodation but not meals are treated as separate households. Boarders who receive both accommodation and meals are not treated as separate households. A household may consist of any number of families and non-family members.
Industry	From August 1994, classified to the <i>Australian and New Zealand Standard Industrial Classification (ANZSIC), 1993</i> (Cat. no. 1292.0).
Labour force	For any group, persons who were employed or unemployed, as defined.
Lone parent	The head of a one-parent family.
Lone person	A person who is the sole member of a household.
Marital status	Persons are classified as married (husband and wife) if they are reported as being married (including de facto) and their spouse was a usual resident of the household at the time of the survey. The not-married category comprises persons who have never married, or are separated,

widowed or divorced as well as those who although reported as being married, did not have a spouse who usually lived in the household.

Non-dependent child	In couple or one-parent families, sons or daughters aged 15 or over not attending school or a tertiary educational institution full-time (except those classified as husbands, wives or lone parents).
Non-family member	A person who is not related to any other member of the household in which they are living.
Not in the labour force	Persons who were not in the categories employed or unemployed, as defined.
Occupation	From August 1996, classified according to the <i>Australian Standard Classification of Occupations (ASCO) Second Edition</i> (Cat. no. 1220.0).
Participation rate	For any group, the labour force expressed as a percentage of the civilian population aged 15 years and over in the same group.
Part-time workers	Employed persons who usually worked less than 35 hours a week and who did so during the reference week.
Status in employment	Employed persons classified by whether they were Employers, Own account workers, Employees, or Contributing family workers.
Unemployed	Persons aged 15 years and over who were not employed during the reference week, and: <ul style="list-style-type: none"> ■ had actively looked for full-time or part-time work at any time in the four weeks up to the end of the reference week and; ■ were available for work in the reference week, or would have been available except for temporary illness (i.e. lasting for less than four weeks to the end of the reference week); or ■ were waiting to start a new job within four weeks from the end of the reference week and would have started in the reference week if the job had been available then; or ■ were waiting to be called back to a full-time or part-time job from which they had been stood down without pay for less than four weeks up to the end of the reference week (including the whole of the reference week) for reasons other than bad weather or plant breakdown.
Unemployment rate	For any group, the number of unemployed persons expressed as a percentage of the labour force in the same group.

The Labour Force framework, showing the derivation of Unemployment and Participation rates.



STANDARD ERRORS OF ESTIMATES, VICTORIAN LABOUR FORCE REGIONS, FROM SEPTEMBER 1992

Size of estimate	Victoria; Melbourne MSR; Balance of Victoria MSR										South Eastern Melbourne; Mornington Peninsula										Barwon-Western District		Central Highlands-Wimmera		All Gippsland	Loddon-Campaspe-Mallee; Goulburn-Ovens-Murray																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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300	290	380	450	540	670	770	860	940	1 100	1 200	1 400	1 650	2 000	2 250	2 700	3 300	3 800	4 400	5 200	5 800	6 800	8 000	9 900	11 100	10 900	2 300	250	260	330	400	480	590	680	760	830	920	1 050	1 100	1 350	1 650	2 350	2 350	2 900	3 800	4 500	5 500	6 800	7 900	9 800	12 900	290	370	440	530	650	760	850	930	1 100	1 200	1 450	1 750	2 500	2 350	2 500	3 050	4 000	4 800	5 800	7 200	8 400	10 400	13 600																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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MSR = Major Statistical Region

RSE = Relative Standard Error

B

STANDARD ERRORS OF ESTIMATES OF MONTHLY MOVEMENTS, VICTORIAN LABOUR FORCE REGIONS, FROM JANUARY 1993

Size of larger estimate	Victoria; Melbourne		South Eastern										Loddon- Campaspe- Mallee; Goulburn- Ovens- Murray										
	Balance of Victoria MSR	MSR	North		Outer		Inner		North		Inner		Southern		Outer		Melbourne;		Barwon-		Central		All Gippsland
			Western Melbourne	Melbourne	Western Melbourne	Melbourne	Melbourne	Melbourne	Eastern Melbourne	Melbourne	Melbourne	Melbourne	Melbourne	Melbourne	Melbourne	Melbourne	Western District	Highlands- Wimmera	Central				
300	380	170	210	220	200	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	230	230
500	460	220	260	270	250	270	270	270	270	250	260	260	260	260	260	260	260	260	260	260	260	280	280
700	510	250	300	310	290	310	310	310	310	290	300	300	300	300	300	300	300	300	300	300	300	330	330
1 000	590	290	350	370	340	360	360	360	360	340	350	350	350	350	350	350	350	350	350	350	350	380	380
1 500	680	350	420	440	400	430	430	430	430	400	420	420	420	420	420	420	420	420	420	420	420	460	460
2 000	760	390	470	500	460	490	490	490	490	460	480	480	480	480	480	480	480	480	470	470	470	520	520
2 500	820	430	520	550	500	540	540	540	540	500	520	520	520	520	520	520	520	520	520	520	520	570	570
3 000	880	470	560	590	540	580	580	580	580	540	570	570	570	570	570	570	570	570	570	570	570	620	620
4 000	980	530	640	670	620	660	660	660	660	620	640	640	640	640	640	640	640	640	640	640	640	700	700
5 000	1 050	580	700	740	680	730	730	730	730	680	710	710	710	710	710	710	710	710	710	710	710	770	770
7 000	1 200	680	820	850	790	840	840	840	840	790	820	820	820	820	820	820	820	820	820	820	820	890	890
10 000	1 350	790	950	1 000	920	980	980	980	980	920	960	960	960	960	960	960	960	960	960	960	960	1 050	1 050
15 000	1 600	940	1 150	1 200	1 100	1 150	1 150	1 150	1 150	1 100	1 150	1 150	1 150	1 150	1 150	1 150	1 150	1 150	1 150	1 150	1 150	1 250	1 250
20 000	1 750	1 050	1 300	1 350	1 250	1 350	1 350	1 350	1 350	1 250	1 300	1 300	1 300	1 300	1 300	1 300	1 300	1 300	1 300	1 300	1 300	1 400	1 400
30 000	2 050	1 250	1 550	1 600	1 500	1 600	1 600	1 600	1 600	1 500	1 550	1 550	1 550	1 550	1 550	1 550	1 550	1 550	1 550	1 550	1 550	1 700	1 700
50 000	2 450	1 600	1 900	2 000	1 850	1 950	1 950	1 950	1 950	1 850	1 900	1 900	1 900	1 900	1 900	1 900	1 900	1 900	1 900	1 900	1 900	2 100	2 100
70 000	2 800	1 850	2 200	2 300	2 150	2 300	2 300	2 300	2 300	2 150	2 250	2 250	2 250	2 250	2 250	2 250	2 250	2 250	2 250	2 250	2 250	2 450	2 450
100 000	3 200	2 150	2 600	2 700	2 500	2 650	2 650	2 650	2 650	2 500	2 600	2 600	2 600	2 600	2 600	2 600	2 600	2 600	2 600	2 600	2 600	2 850	2 850
150 000	3 700	2 550	3 100	3 200	2 950	3 200	3 200	3 200	3 200	2 950	3 100	3 100	3 100	3 100	3 100	3 100	3 100	3 100	3 100	3 100	3 100	3 400	3 400
200 000	4 100	2 900	3 500	3 650	3 350	3 600	3 600	3 600	3 600	3 350	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 500	3 800	3 800
300 000	4 800	3 450	4 150	4 350	4 000	4 300	4 300	4 300	4 300	4 000	4 200	4 200	4 200	4 200	4 200	4 200	4 200	4 200	4 200	4 200	4 200	4 550	4 550
500 000	5 800	4 300	5 200	5 400	5 000	5 400	5 400	5 400	5 400	5 000	5 200	5 200	5 200	5 200	5 200	5 200	5 200	5 200	5 200	5 200	5 200	5 700	5 700
1 000 000	7 400																						
2 000 000	9 600																						
5 000 000	13 400																						

MSR = Major Statistical Region

NOTE: When comparing quarterly movements multiply standard error by 1.1
When comparing annual movements multiply standard error by 1.3

C 25% RELATIVE STANDARD ERROR CUTOFF LEVELS, STATES AND AUSTRALIA, FROM SEPTEMBER 1992

Region	Person estimates	Hours worked	Average hours worked	Average duration of unemployment	Median duration of unemployment
New South Wales	5 300	7 400	2 700	8 600	18 800
Victoria	4 600	6 500	2 300	7 500	16 500
Queensland	3 500	5 000	1 800	5 800	12 600
South Australia	2 400	3 400	1 300	4 000	8 600
Western Australia	2 900	4 000	1 500	4 600	9 900
Tasmania	1 300	1 800	700	2 100	4 400
Northern Territory	1 300	1 800	700	2 100	4 700
Australian Capital Territory	1 000	1 300	500	1 500	3 200
Australia	4 000	5 700	1 900	6 800	15 800
Standard error factor	..	1.2	0.7	1.3	2.0

NOTE: Relative standard errors of *hours worked*, *average hours worked*, *average duration of unemployment* and *median duration of unemployment* are obtained by first finding the relative standard error of the total number of persons contributing to the estimate (from Table A) and then multiplying that figure by the listed standard error factor.

SUPPLEMENTARY AND SPECIAL SURVEYS

The supplementary and special surveys collect data on particular aspects of the labour force. The following is an historical list of supplementary and special labour force surveys. The data are available in publication form, by subscription or on request. It may be possible to order unpublished data on the following supplementary and special surveys by contacting the ABS.

<i>Title of Survey</i>	<i>Catalogue No./ Product No.</i>
Career Experience, Australia. Irregular. Latest issue November 1996	6254.0
Career Paths of Persons with Trade Qualifications, Australia. Irregular. Latest issue 1993	6243.0
Child Care, Australia. Irregular. Latest issue March 1996	4402.0
Employment Benefits, Australia. Irregular. Latest issue August 1994	6334.0.40.001
Job Search Experience of Unemployed Persons, Australia. Annual. Latest issue July 1997	6222.0
Labour Force Experience, Australia. Two-yearly. Latest issue February 1997	6206.0
Labour Force Status and Educational Attainment, Australia. Final issue February 1994	6235.0
Labour Force Status and Other Characteristics of Families, Australia. Annual. Latest issue June 1997	6224.0
Labour Force Status and Other Characteristics of Migrants, Australia. Irregular. Latest issue November 1996	6250.0
Labour Mobility, Australia. Two-yearly. Latest issue February 1996	6209.0
Multiple Jobholding, Australia. Irregular. Latest issue August 1997	6216.0
Participation in Education, Australia. Annual. Latest issue September 1996	6272.0
Persons Employed at Home, Australia. Irregular. Latest issue September 1995	6275.0
Persons Not in the Labour Force, Australia. Annual. Latest issue September 1997	6220.0
Persons Who Had Re-entered the Labour Force, Australia. Irregular. Latest issue July 1995	6264.0.40.001
Persons Who Have Left the Labour Force, Australia. Irregular. Latest issue September 1994	6267.0.40.001
Retirement and Retirement Intentions, Australia. Irregular. Latest issue November 1994	6238.0.40.001
Successful and Unsuccessful Job Search Experience, Australia. Two-yearly. Latest issue July 1996	6245.0
Superannuation, Australia. Irregular. Latest issue November 1995	6319.0
Trade Union Members, Australia. Two-yearly. Latest issue August 1996	6325.0
Training and Education Experience, Australia. Irregular. Latest issue 1993	6278.0
Transition from Education to Work, Australia. Annual. Latest issue May 1996	6227.0
Underemployed Workers, Australia. Annual. Latest issue September 1996	6265.0
Weekly Earnings of Employees (Distribution), Australia. Annual. Latest issue August 1997	6310.0
Working Arrangements, Australia. Irregular. Latest issue August 1997	6342.0

LOCAL GOVERNMENT AREA (LGA) COMPOSITION OF DISSEMINATION REGIONS, VICTORIA, FROM SEPTEMBER 1997

Melbourne Major Statistical Region

Outer Western Melbourne SR

Brimbank (C)
Hobsons Bay (C)
Maribyrnong (C)
Melton (S)
Moonee Valley (C)
Wyndham (C)

North Western Melbourne SR

Hume (C)
Moreland (C)

Inner Melbourne SR

Melbourne (C)
Port Phillip (C)
Stonnington (C) - Prahran (SLA)
Yarra (C)

North Eastern Melbourne SR

Banyule (C)
Darebin (C)
Nillumbik (S)
Whittlesea (C)

Inner Eastern Melbourne SR

Boroondara (C)
Manningham (C)
Monash (C)
Whitehorse (C)

Southern Melbourne SR

Bayside (C)
Glen Eira (C)
Kingston (C)
Stonnington (C) - Malvern (SLA)

Outer Eastern Melbourne SR

Knox (C)
Maroondah (C)
Yarra Ranges (S) - Part A (SSD)

South Eastern Melbourne SR

Cardinia (S)
Casey (C)
Greater Dandenong (C)

Mornington Peninsula SR

Frankston (C)
Mornington Peninsula (S)

(B) Borough
(C) City
(RC) Rural City
(S) Shire
(SLA) Statistical Local Area
(SSD) Statistical Sub-Division

Balance of Victoria Major Statistical Region

Barwon-Western District SR

Colac-Otway (S)
Corangamite (S)
Glenelg (S)
Golden Plains (S)
Greater Geelong (C)
Moyne (S)
Queenscliffe (B)
Southern Grampians (S)
Surf Coast (S)
Warrnambool (C)
Lady Julia Percy Island

Central Highlands -Wimmera SR

Ararat (RC)
Ballarat (C)
Hepburn (S)
Hindmarsh (S)
Horsham (RC)
Moorabool (S)
Northern Grampians (S)
Pyrenees (S)
West Wimmera (S)
Yarriambiack (S)

Loddon-Mallee SR

Buloke (S)
Central Goldfields (S)
Gannawarra (S)
Greater Bendigo (C)
Loddon (S)
Macedon Ranges (S)
Mildura (RC)
Mount Alexander (S)
Swan Hill (RC)

Goulburn-Ovens-Murray SR

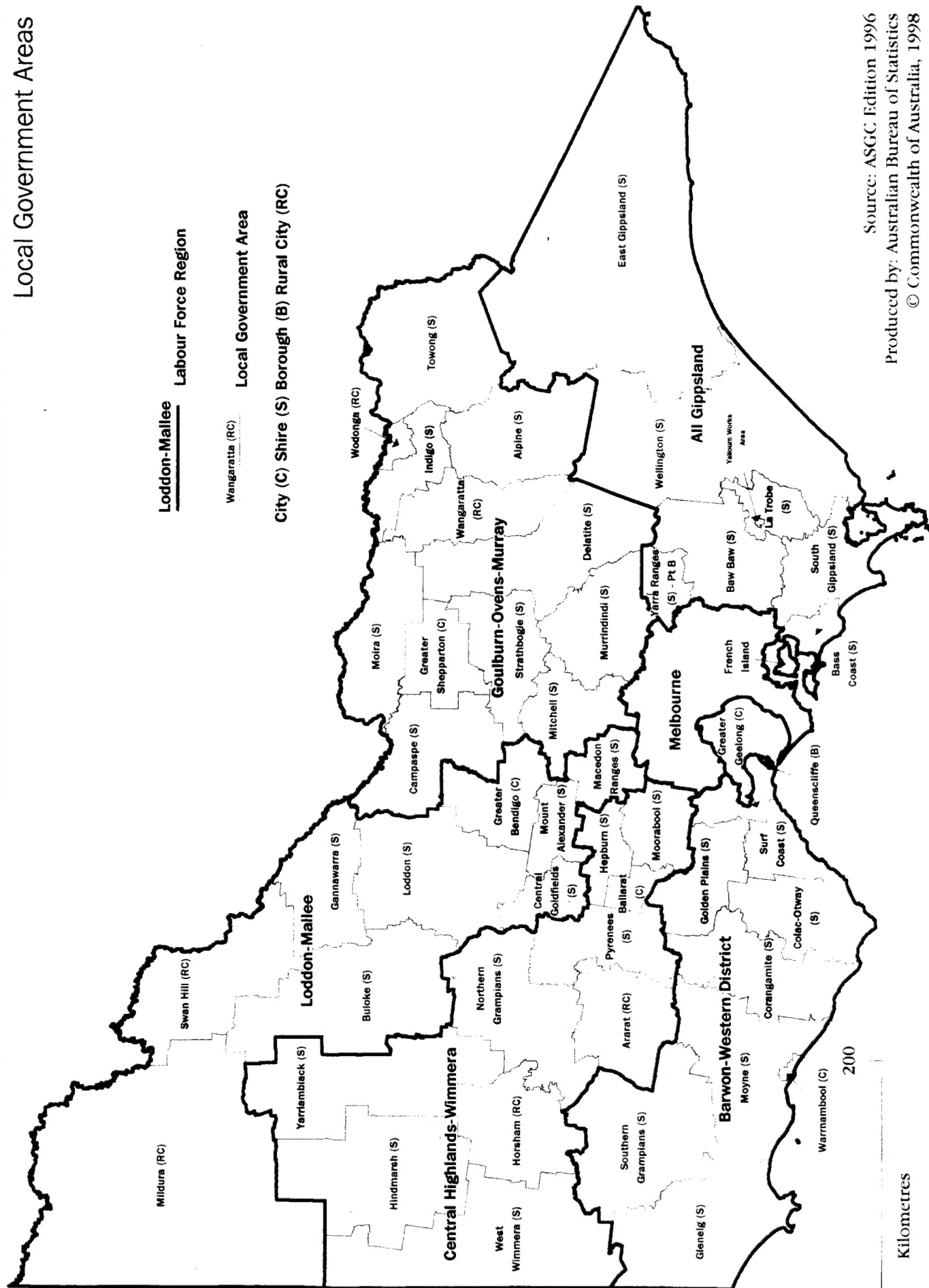
Alpine (S)
Campaspe (S)
Delaite (S)
Greater Shepparton (C)
Indigo (S)
Mitchell (S)
Moir (S)
Murrindindi (S)
Strathbogie (S)
Towong (S)
Wangaratta (RC)
Wodonga (RC)

All Gippsland SR

Bass Coast (S)
Baw Baw (S)
East Gippsland (S)
La Trobe (S)
South Gippsland (S)
Wellington (S)
Yarra Ranges (S) - Part B (SLA)
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Bass Strait Islands
French Island
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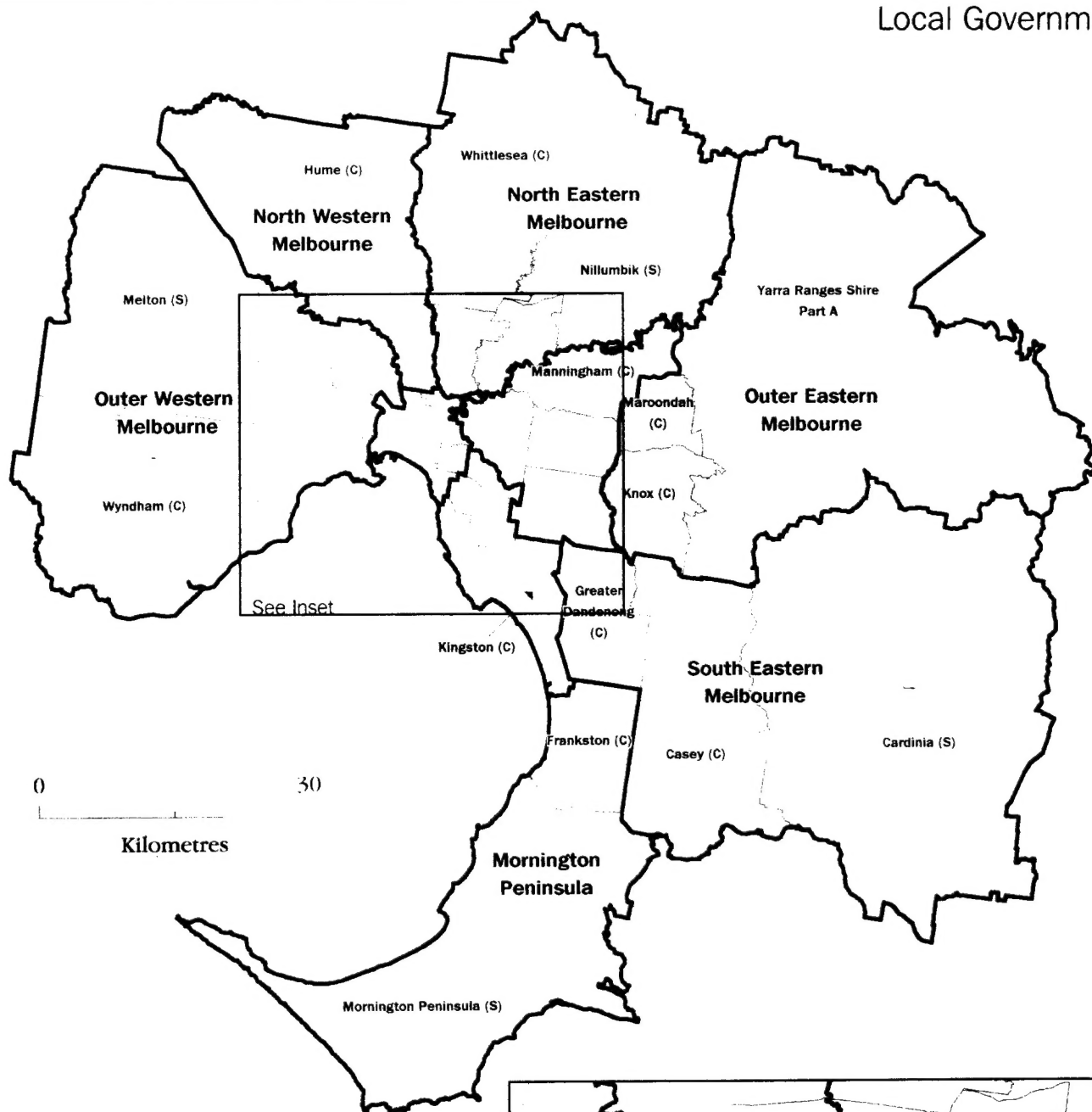
Victoria - Labour Force Dissemination Regions, September 1997 -

Local Government Areas

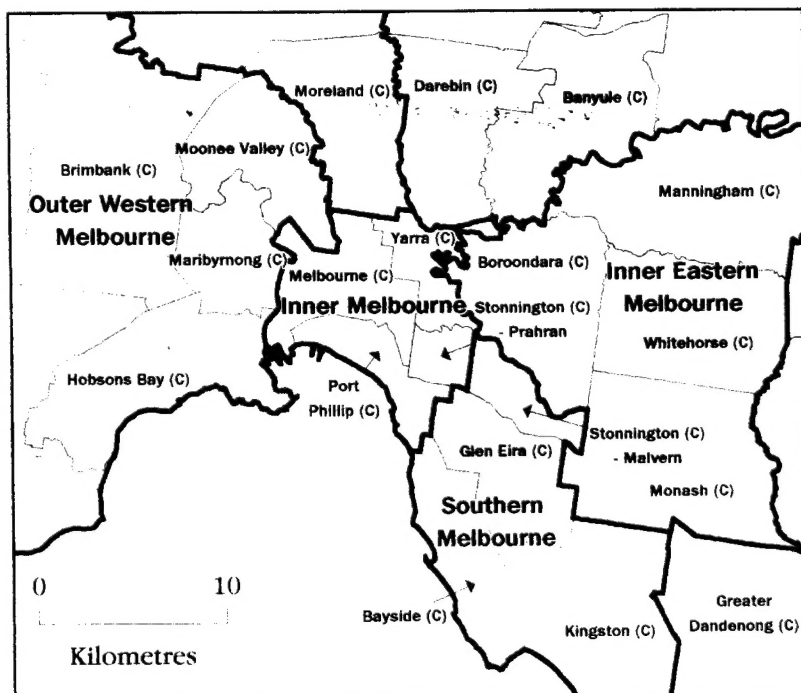


Melbourne MSR, September 1997 -

Local Government Area



Inner Melbourne
Labour Force Region
Whitehorse (C)
Local Government Area



For more information . . .

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